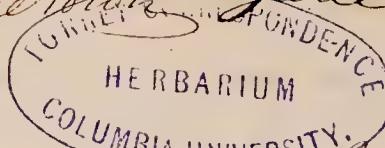


Middleton June 23-1827

My Dear Friend



Your kind Letter came back and a short time  
since with a Book and Circular from Dr. Hartington owing  
to the manner in which it was packed up and wasted  
downs near paying about \$7 postage however my  
acquaintance with the postmaster just saved me  
I am much pleased with Dr. D's Catalogue he does  
not neglect to notice Dr. T's merits as a Botanist.

Lived at Hartford a short time since and there  
saw Dr. Comstock I found him writing from the  
laching he received from the American Review  
also visited Dr. Sumner and was much pleased  
with him he is a fine worthy fellow

much regret I cannot often see you  
I suppose you are living Solus this summer  
owing to the absence of Mrs. Toney this must  
be rather a trial to you though you are  
seas on this score I am rather anxious  
to know if it is probable you will have  
the professorship of Chemistry in N. Y. soon  
Canada how soon he has closed his medical  
career I was greatly shocked at the news  
of his death

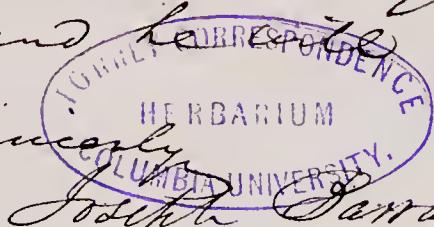
I have paid some attention to the Carex's and shall  
have some observations to offer. *Carex vesicaria* (Lin.)  
grows abundantly in the meadows on the Banks  
of Conn at Middleboro. I have compared it  
with my German Specimens and have no  
hesitation in saying it is the true plant  
and the *Carex Ampullacea* grows in Philipstown  
N.Y. Dr Toney ventured to think differently  
in his note on *C. Ampullacea*. I have collected  
a number of Specimens for you they are not  
however dry yet - I have also some other  
interesting plants for you that will desh at a  
convenient opportunity it would give me  
great satisfaction to see you at this place  
Your correspondence would be very gratifying  
to me - and am always happy to hear from  
you though I am aware that your  
duties will not allow you much spare  
time - let me hear from you soon

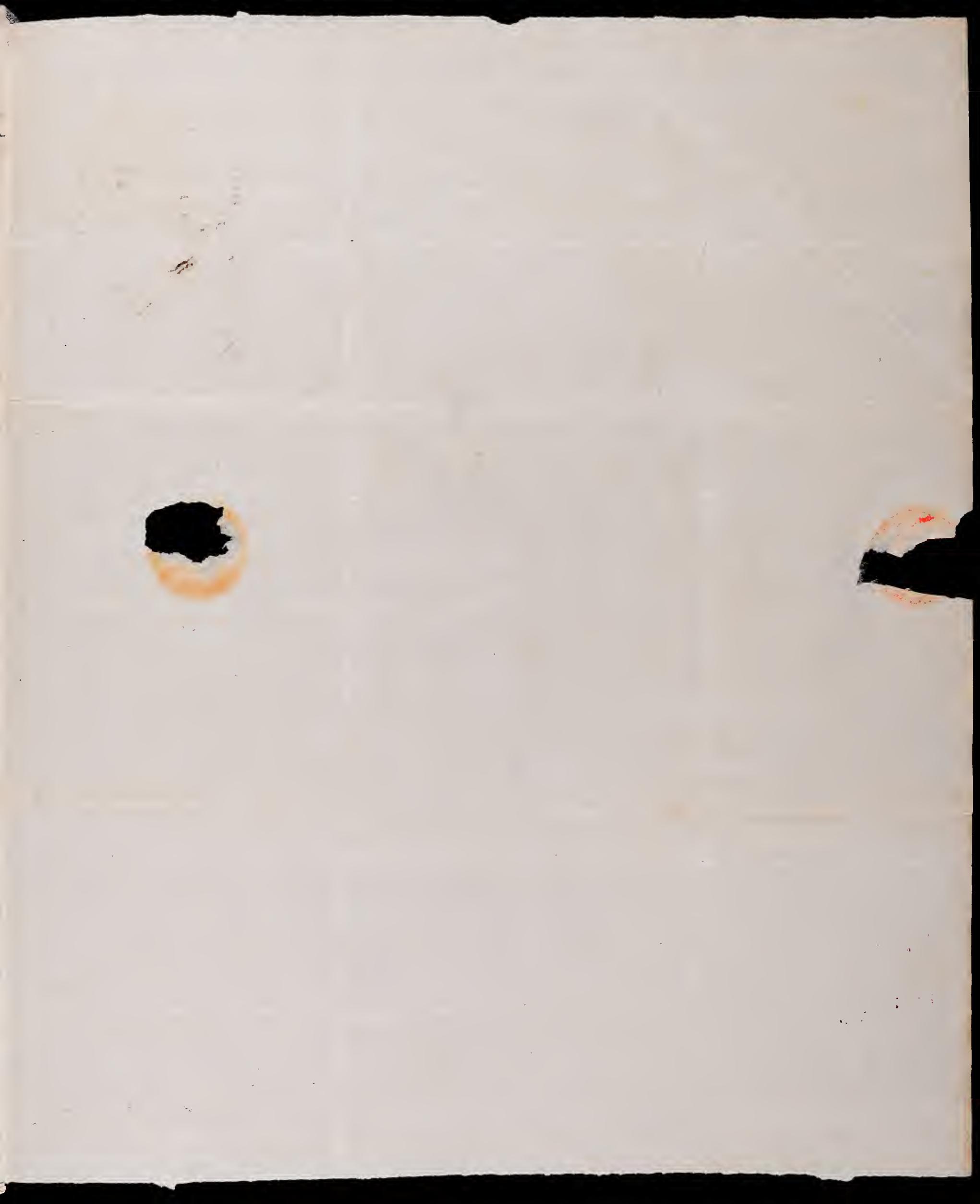
<sup>Prop. no 1 in</sup>  
<sup>package in</sup>  
<sup>Pan. americana</sup>  
<sup>no. 2. hist. spic.</sup> will you have the kindness b lend me  
Nathall's Travels in the Arkansas Territory

Send it over to Dr Bacon and he  
forward it

Yours sincerely  
Joseph Battall

Dr Toney





J. Barrett.

June 22d, 1821.

See? July 6th

June 9th July 10th



Dr. Jones  
West Point

Ans of  
Dr. Jones

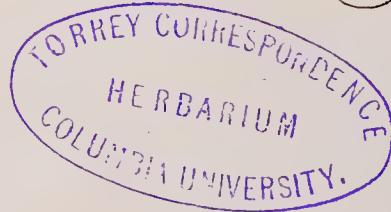
Dear Friends 2  
I was sorry I had not more time to converse with you  
on my last visits. You was however much taken  
up with a Newminers and the Reflecting Gonionotata  
but you did not let an old acquaintance lead you away.  
Tell Mr Wm Cooper I went to look for *Arum draconis*  
in fruit but it had disappeared. Most unluckily the locality  
where it grows has been the theatre of operations for a new  
dam - an untoward event Mr C has long wanted to see  
this plant in fruit - it now appears to me that he will be  
most likely to succeed by having it cultivated -  
tell him I will try my best next season to procure the  
fruits or plant

I received a letter from Greville a few days since  
dated Rothesay Isle of Bute May 28 where <sup>he</sup> has gone  
for the benefit of his health - he is preparing for  
a British flora on a new plan I shall not more  
trouble you with particulars as I suppose he has  
written you -

Oct 22 1827

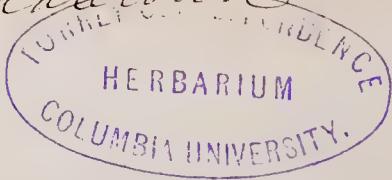
To Dr Torrey

Very Truly Yours  
J. B. Smith



To Torrey  
Professor of Chemistry  
College of Physicians  
in New York

Middleton Nov 10 1827 5



My dear Friend

I have not heard from you since I left you in the City as an opportunity presents I wish give you a line to show you that your old friend has only forgotten you. I was desirous to hear how the affairs of your college are going on and was rather desirous to know how you get along with your apparatus. I have been looking over the books for the best information on Electro Magnetism have you seen the article in the 69 no of the Quarterly Review I was very anxious to get a sight of Faraday's book but did not succeed in getting a copy. If Chilton would lend me his one week I would be punctual in returning it - do you do any thing with Botany at this time you are however I guess pretty busy with Chemistry at this time and will be through the winter. If you find time give me a letter with particulars I was anxious to know the best quantity of acid for the Calorimeter as I had not put the apparatus in operation.

Yours very truly  
J. Baratt



Have you heard from Dr Grinnell of late  
I heard from Baron Sederer a few days since the  
letter I judge was forwarded by Prof Delafield  
The Baron will bring a large collection of Minerals  
to this County - Abol Weldon I sent a collection  
of Plants to him & will pack me a return by the  
Baron

Your Sycamore appeared to be in a flourishing condition  
when I last visited it - your attendance no  
doubt adds with importance - with  
I could see the City oftenest but the expense  
and loss of time deters me.

I have written so hasty that you must  
excuse all my blunders in style and  
spelling

AB



Mediation 3-1828.

TO THE LIBRARY  
HERBARIUM  
COLUMBIA UNIVERSITY

4

My Dear Friends

I have not had the ~~opportunity~~ of hearing from you off late. I am aware that your time is somewhat taken up with your pursuits &c but your distant friends cannot reasonably expect you to write often - an opportunity of sending to the City induces me to give you a short account of myself.

A few days since I went to New Haven to see Prof Silliman and had an opportunity of hearing him give 2 lectures. I need not trouble you with a particular account of him as a lecturer his reputation is high and very deservedly - Spent the evening at his House greatly to my satisfaction he enquired after you and said he had never seen you he has a Manuscript & a beautiful collection of paintings of shells sent to him for publications in his journal several of them it appears to me are the same that have already been described by Mr Barns & I forget the name of the person who sent the MS. The place of I recollect right is Marietta in Ohio you can tell Mr Barns he has better. See the drawings before publications I advised Silliman to let Mr Barns see them and I understand him to say he would write him Mr Shepherd the apothecary to Silliman is a fine fellow and bids fair to become an excellent Mineralogist he is making great preparations for the analysis of minerals and has made some progress he was about analysing the Mackle

Seaport to Peter Mohs to all others works of Mineralogy  
I saw some Rabellites found by W. T. at Parc's Maine that for  
size & transparency astonished me. I have not seen a published  
account of them. Our Middletown Rabellite is contemptable  
in comparison.

I want to know if you do any thing with Botting now  
are you making any progress with the MS of the 2<sup>o</sup> vol of  
the Flood

Thinking kindly let me Thompson's first principles in looking it over  
I find he has marked it in a number of places.  
See you soon an able review of the work. I have looked  
at it with some attention and fear that he is not to be  
relied upon in every instance. Though he is entitled to great  
praise for his unvarnished apertinity  
I was very desirous to know where the person of  
Mica is to be found. I saw with you about 2  
years ago in a periodical a long paper I think  
it was by Rose - if convenient will you give me  
the reference. What I most wanted to know was  
the quantity of Fluoric acid contained in the different  
kinds of mica? and the readiest method of detecting Fluoric  
acid in mica. I looked over many journals of  
Natural history without meeting with the article.  
I suspect that Fluoric <sup>acid</sup> exists in the Rabellite -

to inform me who is the chemist at West Point at  
this time. is Peacock there?

are you doing any thing by way of exchange  
in Mineralogy -

J

Present my respects to Mrs. Forney your little daughter  
will soon be "old enough to crawl about in search  
of plants" - (to use your own language). I was very  
sorry I could not visit Mr. T. the last time I was  
in N.Y. I shall most probably visit the ~~City~~ ~~City~~  
in 3 or 4 months.

Very Truly Your Friend

I. Barrett

To Dr. Forney.



Can you give me any particular respecting  
the Crystals of Serpentine from Euston or Warwick  
I was desirous to know of possible the measure  
The Crystals I examined the Specimen in the  
laboratory at N Haven but saw nothing  
that could be safely called a crystal

Has Baron Lederer brought out any fine Minerals  
from Germany. Silliman enquired respecting Dr. Meiss  
Cabinet of Minerals and told me it was the one offered  
for sale with his Journal. I also saw Silliman  
make an experiment with some new arrangements  
of a Galvani App. It was a complete failure  
I was an attempt to simplify Wollaston's Instrument  
as figured in Brand.

You see they going on at W Point. I do not know who is  
Chaplin now. Is there any probability of your returning  
me the

Letter enclosed addressed to Mr. Silliman in answer to one  
in which he offers to make an exchange of menagerie  
property also is this Silliman's and total value has been about  
\$1000.00

J. A. Baratt

March 2 1828.

Rec'd.  March 2d.

Rec'd. Mr. Miller

Stamps  
envelope postage  
Lithography  
Drawing

Middle Town April 12 1828

UNIVERSITY LIBRARY  
HERBARIUM  
COLUMBIA UNIVERSITY

My Dear Friends I was gratified with your ~~greetings~~ of the 1<sup>st</sup> of the  
month because your desciions to know what you will  
about The following part of Lecturing being over you will  
have a little time for relaxations & Botany  
I am at this time engaged with Chemistry & Mineralogy  
The lectures on Chemistry are attended by all the students,  
but Mineralogy less often - I shall have to go on with  
Chemistry for some time - Likewise I go along ~~quietly~~  
experimenting with ease to myself & as to the Lecturing  
part I take care to write ~~out~~ out my lectures  
though I find it is not necessary to write out as much  
as I had expected - I shall soon have to give  
lectures on Botany These various duties will take  
up more of my time in the summer than will be altogether  
agreeable

Yesterday I rec'd a letter from Para Sederer in which he  
informed me he had left 2 packages of dried  
plants for me at Chelton's with you my dear Sir  
have the goodness to see that they are safely put on Board  
the Steam Boat (any of the Hartford Boats) one package he  
says is from Col. Welder & the other from Jackson  
I am glad when you are about to put your fine collection  
in order your Herbarium will make quite a display  
of late I have been so much charmed with Chemistry  
that I have not paid much attention to Botany I  
formerly did - I know nothing that will revive the  
Botanical mania equal ~~express~~ to passing a few days  
with you

Yours & I find you had been so very occupied in  
making ~~preparations~~ though I must tell you unless my memory  
is greatly fails me that I have been with Faraday when  
he has made more still your success was great  
considering the difficulty - on what terms could  
distilled Naptha be obtained showed the disposed to  
undertake the experiment. If you have any Cpt I greatly  
wish you would furnish me with about 4 grains ~~so~~  
that is difficult not be considered an unreasonable favour  
as ~~far~~ another desirous exhibits it to my class -

The extra expences of Chemistry are such that Capt Partridge  
on the present footing which he stands here. This I cannot  
say he has shown the ~~literally~~ towards my department

I had hoped for the truth is Capt P has other objects in view  
rather than carry the affairs of this Academy to that perfection  
the publice have expected - on Thursday evening he called a  
meeting of the Citizens or rather subscribers here and informed them  
that he purposed leaving the Institution <sup>here</sup> next Spring but  
will continue his duties till that time he said it depending  
he expected he could continue his labours always -

This was a very unlooked for measure by the Colony of this  
place. They certainly would not have put up a Building  
to the cost of \$33,000 merely for his experiments of 2 years and  
then leave - The Citizens fully thought he would continue  
here - his object is now too apparent he wants to get  
up an institution in ~~at~~ of Harlein and offered to take charge  
of it 5 years - and give 7 per cent for the interest of the money  
he has now a project to go to Baltimore. The State have  
granted a charter and the privilege of giving Diplomas so that  
for what I know he may think of taking charge of a new  
establishment there his great object at this is to break  
up West Point and he will exert all his power and influence  
to accomplish it indirectly

I do not know but you had suspected his designs but you mentioned some things in your last letter to me and in confidence I now give the earliest information on these matters -

as it respects my own prospects I do not feel concerned - I shall continue my duties this summer and if the institution should be dissolved I shall then return to the practice of Physic I should not be surprised if the trustees take some decisive steps as they are greatly dissatisfied with (him) Capt P

The present number of students here is hardly 120 - a great falling off entirely owing I believe to his management the Instructors have not felt satisfied with his proceedings of late -

I wish you would give me the earliest information if you have the means of knowing the prospect of the Harlem School going into operations -

I fear he takes the way to injure the system and his own reputation his reputation would be heightened in bringing his school to the highest state of perfection he is I suspect looking for State patronage (Maryland) furnishing a large establishment and placing him at the Head fit -

When he goes there he will of course use all his influence to draw students to it If any thing has calculated to check the prosperity of West Point his measures are the very means - I do not wish you to mention my name or show my letter but all the facts you are at liberty to use as you please when I have leisure I will give you more particulars

hitherto my greatest attention has been directed to ~~the~~ the practice of Physic and I shall follow it eventually as may under existing circumstances be policy in me to exert myself a little this summer even if I should fail it requires to relinquish these pursuits -

The professorship at West Point is not likely to under existing circumstances be an object for you or any body else have you given it up there can be no doubt that your situation in NY will be <sup>TORREY CORRESPONDENCE</sup> ~~more~~ <sup>HERBARIUM</sup> ~~more~~ agreeable in every respect than it would be at W Point and I sincerely wish you the success in your duties at the <sup>COLLEGE</sup> ~~COLLEGE~~ <sup>UNIVERSITY</sup> ~~UNIVERSITY~~ College - You have had to be sure a strong opposition setting <sup>against</sup> you -

If the Trustees have named a professor some one to take charge of his establishment or rather as it is in contemplation to give the government to the professor of yet remaining to them <sup>to</sup> what the success of the plan will be when the novelty has passed by - Yours very truly Dr Torrey -

J. G. Barrett

last spoken of before my last letter to you

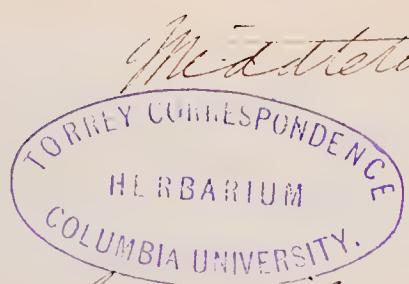
J. Baratt

April 2d 1828

Enc

Received at  
Mr. Cutt's  
24 Park Place.

Dr. J. J. Torrey  
Professor of Chemistry  
College New York



Middletown May 21 - 1828.

6

My dear Friend

I had the gratification of hearing from you a short time since and had some expectation of being able to visit N.Y. but my visits will be delayed for some time —

I have an opportunity of sending a letter by a Gentleman this morning though I have not time to write down a number of things I had desire to communicate —

A few days since I received a letter from Leederer in which he said he had another package of dried plants for me which he overlooked when he forwarded the former

The package was from Vienna and a very rare collection of alpine plants I have not had time to make out a Catalogue but suppose there may be many which are not in your Collection and which I shall be happy to supply you with —

Let me know the progress you are making in the arrangement of your Herbarium I should think you have many duplicates to spare if you knew what was wanting by me do you keep a catalogue of your plants

If the Baron comes a parcel at Chittons will you desire him to have it forwarded by the Steam Boat

Leederer wrote me he should like to see my Crystal of Scepterite as it was a very curious mineral I should be happy to show him the same —

You will do me a great favor by giving me the references to all that you have read and know respecting Scepterite crystallized —

I am anxious to see all that has been said upon this subject but shall have to wait till Cleveland's New Work comes out in order to see what he has collected on this subject. I assure Cleveland my remarks which he will most probably publish if he does not I shall my wish is to collect the most important facts and state them in connection with my facts relating to serpentine. —

In my last I made remarks respecting this Institution I have now added that a new arrangement has been effected by the Trustees to go into operation after August when Capt. P. superintendence will cease and two several new professors will be appointed. The remarks I now make are I wish you to say nothing about there will be a great change here as to Capt. P. I think he has acted ~~strangely~~ and may have over rated his own standing and popularity of science in this country. It yet remains to be known what the name of his name will be if he should be disposed to get up a new institution in the South. I learn that there is nothing likely to go forward at Baltimore as Capt. P. supposed and I am informed the same is the case respecting N. Y.

In mentioning the number of Students here in my former communication I was not correctly the number I cannot now give you ~~but~~ accurately say when I wrote 160

I have considerable confidence in the individuals who will have the management of this Seminary when the new order of things go into operation as to the patronage it will receive that remains to be known — the moral discipline will be strictly looked into and enforced — so requisite in all public ~~and~~ <sup>and</sup> Institutions —

write to me when you have leisure  
Present my respects to Mrs Torrey

To Dr Torrey

Very truly yours  
D. B. Webb



Dr. Burratt

May 21st 1828

Rockaway N.Y.

Dear



Passed through the  
post office  
yesterday

Yours truly

Dr. Jones

crossing the river

to the Park place

the Park place

Middleton, TURKEY COMMITTEE Sept. 28 1828

COLUMBIA UNIVERSITY.

7

Dear Doctor

I am glad to hear from you on your return from Princeton. I had so ~~many~~ <sup>so</sup> things of sufficient interest to say on I should certainly have written you there about the time you went. I received the no. of the Annals of the Lyceum and was taken by surprise to find so much valuable information on the Composition of Minerals by Hon. Sam. Parkes and the Society of this Chemist. I looked at the results with peculiar interest because they throw much light on the atomic proportions of which we have much to learn as yet.

I propose sending with this letter a prospectus and new regulations of our Academy you will see from it that a great change has taken place here. Capt P has left here a few days ago. I do not exactly know where he is gone suppose to N Y. 2 of the former Instructors Dunbar & Ransom are going to try to establish a School at Albany to be called the Orange Institution.

I have every reason to believe that the change that has taken place will finally tend to place this Institution on a better footing. It must stand on its own merits. I wonder what the prospects are as to the success of the Harlem establishment going into operation. Capt P purposes travelling during the winter in the Southern States since he has not succeeded while at the head of a school he seems determined to make his views known and for this purpose he intends Lecturing in some of the principal cities. He will leave nothing untried to advance his favorite plan - relative to Education.

You will say he is a most persevering man and in his way.

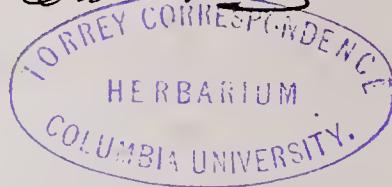
The Specimens I rec'd from Koenig were of great interest and  
natur. I purpose submitting them to your inspection, indeed I have  
determined to let you have those not fit for your collection, since  
you can give things of equal value to me, perhaps. Please  
bring or send them to you, when in looking them over you can  
~~at once~~ on Comparison with your Herbarium at once take out  
or put in such things as may be desired.

Octo 26

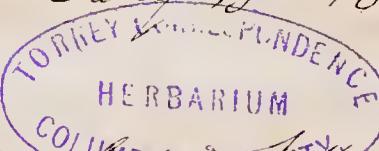
This letter has been laid aside for some time not that you are forgotten  
but because I was anxious to look over my Herbarium before I sent it  
to you, but however had time to do as much with Plants as I intended  
I was desirous to have a conversation with you relative to the different  
Plans of Education - since I know you have reflected on these  
matters - The present arrangements at this ~~Institution~~  
I think a great improvement on the Military System  
at the Head of the Classical department is Mr. Wright many years senior  
to the Master at Yale College - The small Boys are kept in the  
Recitation room under the care of an Instructor instead of being  
in their rooms as heretofore immediate after Breakfast and  
supper in the dining Hall a chapter in the Bible is read, and prayers,  
Mr. Colton & Mr. Wright ~~occupy~~ <sup>to take</sup> by turns

To Dr. Torrey

Yours very truly  
J. Bartram



Middletown Jan 15 1829



My Dear Friend.

You will see by the enclosed letter that I have not forgot your kind attention though I did not think my letter of sufficient moment to trouble you with postage. Mr Lyon has kindly offered to convey any thing by  
I shall therefore trouble him with letters.

This Gentleman is a particular acquaintance of Prof Johnson and has passed a few days at Middletown. He has travelled extensively and as a Surveyor was with Gov Clegg and can perhaps give you some information of Mineralogy of the West and of the large map of Native copper near Lake Superior.

He mentioned a plant well known to the miners in the districts where the ore of lead is found which serves to indicate the presence of the ore. He has not a specimen and did not know its name from his description I suspect it may be a *Potentilla* and probably the *Potentilla recta* of Nuttall. I showed him all the specimens in my herbarium of this genus - had not the plant described by Nuttall if quite convenient perhaps you will be so kind as to show him the plant in question the roots he says are 15 feet long. I know of no such plant by the Books - the *Euphorbia Speciosa* has remarkable roots I showed him the plant but it is not this.

as Mr Lyon may afford you some an opportunity of  
obtaining Monuments from the West perhaps you will  
have no objection to introduce him to the System

There many things to say but have not time to  
write this morning will take another opportunity

I send you an unfinished Letter what will serve  
to show that I had begun to answer your kind Letter  
Aug 23

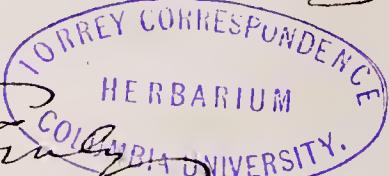
shall be very happy to hear from you when you  
find a moments leisure for writing I cannot visit  
N Y at present am desirous to know how  
you prosper and the Chemistry proceeds in N Y  
I read Dr Bushs reply in the American which was very  
severe have just seen the last number of Linnans  
find Dr Beck is anticipating you with the misses  
he is a very industrious fellow fond of appearing in the  
journals I want exceeding to talk with you on  
Chemistry as well as other matters exceedingly  
You said nothing of Mrs Torrey your charming wife in your  
last letter she is not the less interesting if you are  
much taken up with science do present my respects  
to her sure you know how highly I esteem her

I am Dear Doctor

Very truly yours

I Barratt

Dr Torrey.



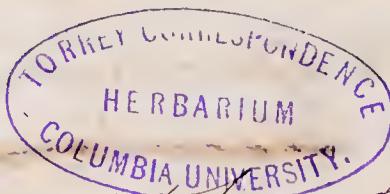




Dr. Garnett  
Sept 1st - Jan 15th 1829

Presented by  
Mr. Adams

Dr. J. J. Jone  
Professor of Chemistry  
in Monk



My Dear Friend

Middleton Sept 14 1829

I have not been favoured with any information from you of late tho' I presume you have heard from me I desire Sends Satn to call upon you to see your Algo this Gentleman has at different times collected curious & valuable things and I was anxious to turn his attention to Marine productions -

Mr Finch the Geologist has been staying here a few days and is now at Hartford where he will probably impart some valuable information on Rocks!

Mr F had a severe attack of Malaria when he came here.

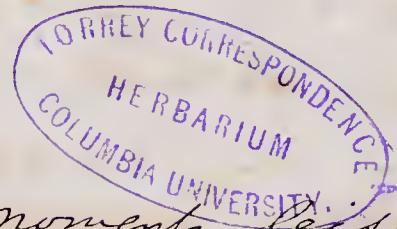
I had some conversation with this said Gentleman on Sunday Morn & find him disposed to quarrel with the generally received number (I mean the Hydrogen Scale) and a firm advocate for Dalton's & would make up 16-<sup>unit</sup> to

You saw the Box Scale by W Hodge what do you think of it - if there is any thing wrong do inform me

Mr W R Prince wrote to me on the 5<sup>th</sup> by which it appears he rec'd a supply of living Plants from the White Mts of N Hamp I am happy to hear he succeeded -

I also procured a Box of Plants from the same by a Gentleman of this place tho' no Botanist who had determined to take a trip & was so kind as to lend me some for this purpose I showed him my Specimens described the places where they grew particularly the grasses and was so fortunate as to procure all of them which are now growing in a garden in Middleton

as I have plenty of dried specimens I can furnish  
you with a number of ~~Specimens~~ them for your  
exchanges.



do write me if you can find a few moments leisure you must  
have not with much to interest you since we were last together  
as usual find I have much to say but must try to  
see N Y this fall if possible how is your health  
and how is Mr. Loring please to present my respects when  
I saw a few days ago Dr. Rogers in this place now professor at  
Washington College

The Academic Building formerly the Partridge Nest is now  
closed - there is some prospect of the Methodists establishing  
a college - this is a sad blow to Capt. P's system  
how do you proceed with your Herbarium is it now completely  
arranged - - in a short time I will try to send  
you some dried specimens of plants 2 or 3 for your particular  
examination I find I shall not have time to look them  
up this morning - have you seen Mr. Oakes of Ipswich  
and did he ~~ever~~ furnish you with a list of white Mt. plants  
you had a list of which I should be glad to have a copy  
I will also give you a list of such of these plants ~~as~~  
as are now growing I am particularly delighted with the  
prospect of cultivating the grapes -

What are you doing at the Lyceum now

Mr. French spoke in high terms of a book I have not yet seen  
it is Turners Chemistry - is it really a good work has any  
book yet appeared in a cheap form of tables similar to those  
given by Thomson in his first principles - very when  
is Cleveland's new Edition to appear do you know any

thing about him and his work

To Prof. Torrey

Yours very truly J. D. Barrett



I am pleased to send you a  
small collection of the  
plants I have sent you  
I have not done any  
work yet so I can make one  
or perhaps you can find me  
time to do it. I am sending  
you a small collection of  
plants I have sent you



Prof. Ellinwood showed me a very nice  
specimen of *Battaristis* given him by  
Griscom while I at N Haven  
I would examine it carefully  
but make no list of it as they  
will be there at present and I don't  
like to ask him to come at home



Dr. Jones  
Prof. Chemistry &  
Medic College  
New York  
The Coll of  
Duchess County  
34 Park Street

S. Barratt  
Oct. 14 1824  
and

Middlebury Jan'y 13- 1831.

My Esteemed Friend

The Catalogue of the Professors and Students  
of your Med Col came to ~~her~~ yesterday I was glad  
to hear from you in this way. The prosperity of your  
College cannot fail to interest one who takes a deep  
interest in your welfare - on my return to New Haven  
I mentioned to Mr. Niles that I had a pamphlet a Review of Prof. Silliman's  
Element of Chem had been printed in the City of NY - he immediately  
wrote to Dr. Tally of New Haven as we had not a copy in town  
yesterday Dr. Tally came to hand - a cold day, but Dr. Kepel as warm  
by its novelty and the excitement occasioned by reading it  
Silliman you must be aware is considered by this State ~~too~~  
as standing on the Chinchorazo of Chemistry! a little notice  
some days ago in the N Y Courier astonished some of the  
knowing ones - a few days ago here the Bookseller N Haven  
and the publisher of Silliman work are here - I made some  
enquiry of him respecting the pamphlet - I was almost sorry  
I did as it threw him into a perspiration the author he  
judges to be Featherstonhaugh? the same who tryed to get  
up a scientific journal in opposition to Sill <sup>some time</sup> ~~the pamphlet~~  
since in New York City - he said he learned he had been  
widely circulated, saw a Gentleman from Rochester who had it  
said it had been sent ~~to~~ to the Physicians ~~and he located~~  
there Against his Sympathis bound - the work has no title page  
nor General Description!! if yours is complete must have  
time trouble you for the proper title and date of printing &  
I am writing to you for the proper title and date of printing &  
I have a curious old work I will put in your hands at a  
convenient opportunity it is a scarce work - and may  
be of occasional interest in your Med Nat Library -  
this is the Aisch Phalaenam of L. Facock 1542  
its chief value is the medicines in Greek Latin & French &  
and the Med properties described to the plant known to being

Dioscoreidae Galena &c - -

Hanes procured a good supply of still turnings to burn in ovens. I selected them in lengths of 15 inches and have laid them in a box between sheets of paper & shall bring or send them to you.

Aug 20<sup>th</sup> Yesterday I saw C. W. Chapman up to Prof. Silliman

and asked what was going on. The pamphlet was uppermost. He did not think it could be feather or feather. Said the writer seemed to know a good deal about steam. Then who <sup>knew</sup> any thing about it in N.Y. Kenwick is not free from suspicion. Chapman had told me the experiments of Peck on Magnetism would be exhibited this evening. Some thoughts of visiting Prof. Haven to see the Experiments on Galvanism &c -

Mr Jones who wrote the

sketches in the Magazine has been <sup>lately</sup> ~~of~~ <sup>at</sup> Gaines, is likely to be settled in this place

within a few days. Hanes

has a Miss Pomeroy from Boston well acquainted with Chatfield. She says the naturalists inform her he is enveloped completely in feathers and neglects Botany now. From her account of him, should suppose he directed his attention entirely to Birds. Miss P. who is making a visit here is just returned from Fayal where she carried the seeds of the rare Conespiris of Natt from Arkansas which grows well on that Island.

Aug 25

I intended to have visited Mrs. Loring again yesterday, leaving at 4 - The circumstances fully justify her departure. are however sufficiently known to her through the medium of her husband - my esteemed friend -

Yours little daughter, tell her interested me greatly by their intelligence and very unusual advancement for their tender years - Her recent interest in the advancement of Children and none so deeply as yours - do present my kind respects to her

Yours very truly & sincerely  
Joseph Barnard

July 25

Middletown Conn

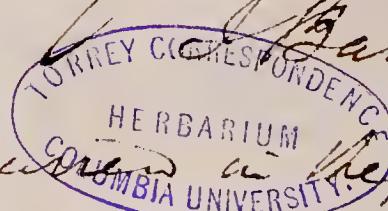
My dear Friend

The inhabitants of this place are  
much excited by the occurrence of small pox in  
this City - sometime ago a sailor brought it  
from N.Y. and now 8 or 9 cases have appeared -

There is great anxiety manifested by those  
not vaccinated and no vaccine virus yet  
certainly taken. There applications to vaccinate

Will you be so kind my Doctor to procure a  
supply and forward to me as early as possible

Yours very truly -



any expense should be incurred in the purchase  
of course I will pay you among the physicians  
of your acquaintance you may however be able  
to procure a good supply -

During this cold weather it may be advisable to protect  
the fluid in quilts, flaps, or the like, with more than  
usual care. Therefor the package enclose for  
me directed to under cover to Joshua Stowe Esq.  
Post Master here - with the request he will hand  
it to me.

J. Barnett

Aug. 1<sup>st</sup> 1881



20 York St.

Free College

John Jones

Chemistry

20

March 2 1832 11

My Dear Friend

Your kind letter and 2 packages came to hand  
this morning, you know me well enough to be able  
to judge with what unfeigned delight your letters and  
scientific productions are always received.

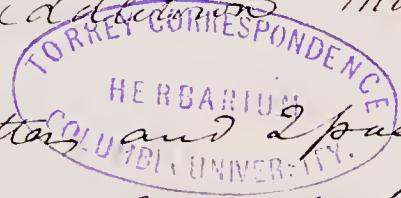
I thought, grateful as I was for your letter, you had made  
one strange omission and therefore I will venture to notice  
it the first thing — why my Deardin did you forget to  
tell me something about Mrs. Torrey and those charming  
little girls that sang so sweetly to me the day I dined  
in company with Mrs. Griffin. I want much to see those  
young ladies again.

The children of my friend the immortal plants which  
have grown up since our acquaintance will I trust  
ever be regarded with feelings commensurate with the  
sincerity and purity of our friendship.

I have looked much at the formation of character  
imparted by the Mothers example, Mrs. T in my  
estimation is eminently fitted to train up daughters  
in all the grace and loveliness of moral, and religious  
 deportment.

I have noted down in my Mem Book at various ~~times~~  
a list of things for our conversation as I cannot  
however visit you at present. I write two to my  
Memorandum without further delay, and first on  
the list I find Nelumbium, I visited the locality of  
this plant last summer Seldens Cove Hadlyme —  
was then too early for it, obtained shortly afterwards  
the leaves and roots of the plants but no flowers —  
It flowers the first week in August, by the 12<sup>th</sup> ~~is~~ <sup>is</sup> fully  
flowering — the roots are very singular nut like  
the Nymphaea in the least.

Last summer I completed the arrangement of my  
herbarium by putting all the additional plants  
I had received in their respective places. — an undertaking  
I had long deferred and was in progress with the



arrangement of my duplicates, I bequeathed to you long ago but was obliged to relinquish the undertaking in consequence of the room I had borrowed for the occasion being required for other purposes - hope to resume my operations again soon when you <sup>may</sup> hope to see some plants, provender &c, - but no hay

I was much engaged with the examination of Willows last summer and purpose to be very active again as soon as they are in flower - So you may expect something from me - I want to see your lists of the Willows about the City of N.Y. - and also to see all your specimens I shall add to this communication a list of my species -

I found so much to delight me in examining the Willows I wondered I could have so long slighted this interesting genus, now I shall not be content till I have all the species, and <sup>obtained</sup> ~~procured~~ and examined all the flowers -

I saw Leavenworth 2 or 3 times last summer he gave me many exceedingly rare plants collected by himself in the South West some as yet undescribed he is now in the very place for his researches there now before me a letter of his partly addressed to Dr. Minot dated October 28 - 1831 Gantourment Iesup Louisiana more than 1300 miles from St Louis he says he had the option of going to Gantourment Gypson on the Arkansas but he thought he had seen enough of New Countries for the present - he says he has got a creditable load for me I am therefore anxious to see him safe back again with his Botanical treasures he is certainly an enthusiastic traveller and Botanist

You of course saw the plate of *Tallia pycnanthemoides* in Silliman Journal I saw his plant and cut off a portion of it there is however a mistake in the plate

The stem is quadrangular and not round as the engraver has given it. How did you like the ~~Latitude~~<sup>design</sup>? You must have been pleased with it, <sup>despite</sup> this however was drawn up by Dr Tally and critized and polished by the professors before publication or as Dr Minor told me they all often had a finger in the pie. In saying this I do not wish to detract from the merits of Leavenworth, he frankly told me Tally ~~stealized~~ the description -

In the description the Hab is dexterously managed by way of note this reads much better than Hab paint mountain - this would have been too uncouth -

How do you like the Catalogue of N Haven plants?

I have found it very convenient towards completing a Catalogue of the plants of this place. I have already 20 that are not in the list. There are several marked in the Catalogue above which there must certainly be some mis take ~~suppos'd~~ -

I found last fall the *Agaveus Cretaceus* growing with *Agaveus Campestris* has this been found before in this County? <sup>not</sup> have I noticed any where!

Found a very curious *Botrychium*, different to any thing I had before seen, purpose to cultivate it before I venture to decide, but unfortunately did not gather specimens intending to take up the roots and was not able to re-visit it that time, I marked the place of growth. - It is nearly allied to *B. fumaroidea* the leaves much more divided than any I have seen -

*Botrychium fumaroidea* grows near it -

I want to procure all the American Specimens of *Actea* & *Cimicifuga* can you furnish me with any Specimens of the Southern species?

Dr Tally has named to me the places of growth of the following plants

*Valeriana officinalis* or *Syratica* <sup>RECEIVED</sup> <sup>Richardson</sup>

*Cypripedium arietinum* do - <sup>H. VERNON</sup>

*Tulipa palmata* do They all grow in

a sphagnum swamp at Fair Haven Vt -

\* This is Tally's orthography not mine

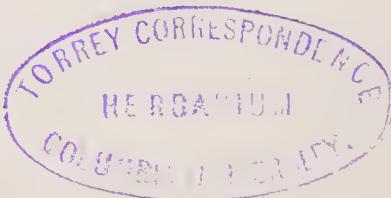
owing to my having been obliged to put up my duplicates  
plants in the greatest haste and confusion I cannot now  
forward you what I much desire, the duplicates of  
my most interesting plants - and which might be of  
service to you in your exchanges as soon as the  
weather is warm enough to work with ease in a large room I shall  
recommend my arrangements of duplicates so don't despair of me  
Present my respects to Mrs Torrey and give my kindest  
remembrance to your lovely children

Am very sincerely

Your friend

J. Barrois

To Prof. Torrey



John Barrois

March 20th 1882

— Rec'd March 24th

Ans? Apr. 17/82

List of Willows growing in Middleboro Corn Collected by J. Barnaby in 1831 —

*Salix prinoidea*

— *discolor*

*balylomea*

4 *falcata*

5 *cordata*

6 *var falcata*

7 *petiolaris*

8 *Vitellina*

9. *nigra*

10 *grisea*.

11 *crinoccephala* of Mt

Conifers of Nth

For 15 feet high



Leaves obovate rugose, <sup>when</sup> rounded to  
beneath - 15 of ~~other~~ <sup>the</sup> branches  
are full of diseased places caused  
by ~~thorns~~ — not unlike galls —  
Leaves much crowded at the  
extremity of the branches —

Will examine this very closely <sup>when</sup> in flower and provide  
numerous specimens, have found no good ones as yet  
Description — what can it be?

*Populus angustata* Mill<sup>3</sup>

— *balsamifera* Lin

— *grandidentata* Michx

— *tremuloides* Michx

— *Monilifera* — This species grows here  
beautifully you have not named  
this species, you shall have  
specimens of it

*Rumex aquaticus* 5 feet high

These are the Specimens  
of this plant but never saw it  
growing before I found it here

You don't make a large enough

in your flora

Carex squarrosa with 3 spikes very common more plants  
here have 3 spikes than one — so much so as  
to be entitled to special notice. The spikes are  
much longer than the fig in Monograph An by NY  
so that the Descrip p 299 from one inch to 2 in length  
will apply to the Middleboro Specimens —

*Pycnanthemum muticum* — This grows in a meadow

Near the Combe Factory Saddle Hill Middleboro in  
company with 2 other species a cold wet meadow

*Rumex aquaticus* also grows in the same in water <sup>on</sup> ditches

*Pycnanthemum muticum* I have watched <sup>this</sup> for several years  
at first suspected it a hybrid species - and did not determine  
it satisfactorily till last summer -

In your Compendium I will refer you to some places it would  
appear that the terminations given are not <sup>strictly</sup> according to rule

thus *Pagon* is *Mascalinē* in Greek ΜΑΣΤΡΝ \*

*Gymnophagon*

should be *G. racemosus* page 54 For Comp Edit 1

*Polyphagon racemosus* p 52 right !!

for *Epiphagus* p 244 & Index 359 read *Epiphēgus*,  
vide Darlington's Cat<sup>es</sup> 72 The same error carries  
through your Genera of N. Amer p 1832 and Index p 19

Under *Ericson* for Comp p 289 & 290

read — *1. bellidifolia* ~~us~~  
2 — us  
3 — us  
4 — us  
5 — us  
6 — us



7 for *ense* is

The Book will be found to agree with you, but *Gerow* an <sup>PERSON</sup> old man is *Mascalinē* notwithstanding and I would therefore  
be correct in the next Edition -

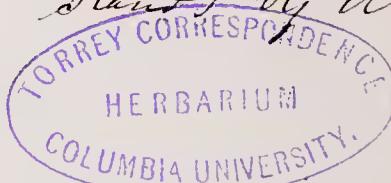
after writing this I was fearful that got beyond my depth  
in Greek, remembering or is neuter I turned to my old grammar  
but not satisfying myself I called on Dr. Miner he  
furnished me with the following remarks

\* It is believed that Greek nouns in ον and Latin in  
um when derived from the Greek ον are always neuter  
but there are a few Latin nouns especially in  
Botanical terms which end in um borrowed from  
the Greek ον that are of the Mascalinē or whatever  
gender the original Greek may be. Consequently  
the general Latin rule that nouns in um are  
neuter admits of several exceptions but these  
exceptions perhaps always have respect towards  
in which the Greek ον is changed into um —  
Dr. Miner —

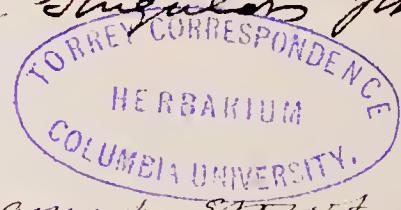
from mentioned to me he heard this same question debated between  
Tully & myself & Andrews lately at New Haven - with much  
display of research &c. I have venture to name this to you  
that are be sufficient and among your friends in  
the City you will elicit the truth. If you have not already  
satisfied yourself



I was somewhat engaged last summer examining the germination  
of seeds examined *Oroontium aquaticum* or Indian pear  
as it is called on the Connecticut, where it is abundant  
below Ladd's dam, and Seldens Cove <sup>Roadlyme</sup>, its large seeds said  
the favorite food with Indians who formerly resorted to  
Seldens Cove for these seeds, and those of *Nelumbium*  
the seeds of *Oroontium* are partially embedded in a pulpy  
spike I conceive the nearly allied to *Cyperus*.  
The seeds float when ripe, and are driven about by the wind  
I was some time before I ascertained what they could be  
I brought home a quantity of these seeds, kept them in  
water and observed as they swelled the formation of  
albumen densely round them and then 2 leaves  
protruded I have planted them in muddy places  
~~and~~ here to see if I can make it grow so high up  
this river. I would class *Oroontium* with the  
*Nymphaea* and not with the *Endogena* why force it  
here from a distant analogy to acorns in the *Aroideae*  
tell me has this arrangement of *Oroontium* been tested  
or does it rest on semblance or mistaken analogy  
all my seeds of it had 2 leaves protruded and not like  
the *glumaceae* In my Botanical investigation  
feel reward of Brooks not having any thing better  
than Smith's Grammar & De Candolle's <sup>of</sup> *Bot. Paris*  
Ed 2 1819 - ! I looked with eagerness <sup>into</sup> to your  
arrangements but am not satisfied with the location  
of this plant - *Sarracenia* stands by itself in  
your classifier No 78



*Lilarsia lacunosa* This plant grows abundantly in Seldens Cove with *Cyanus Nymphaea odorata* &c. I had a fine opportunity to examine this plant last season in Jones's Fl. Vol 1 p 215 in line 5 above Habits for Crocus read Calyx' & those Callus spur shaped bodies an inch or 2 in length which are reflected upon the petioles with the nature of these I am unacquainted these are aquatic Bulbs when the leaves and stems decay fall to the bottom and take root in the mud and become the plant of the following year These bulbs or spurs are not unlike what forms on the vine of the strawberry and are in fact aquatic radicles a singular provision of nature <sup>taking</sup> I have seen no notice of



Seldens Cove Badlyne where the *Cyanus* grows is an interesting place for the Botanist, more like a small western lake, & full of aquatics on enquiry I found that the *Cyanus* had been known there from time immemorial old Col Selden had known it for 50 years - as he informed me I was, from the nature of the ground led to suspect it a resort of Indians and had my conjectures fully verified - this was in former times a famous resort of the Indians I suggested the probability that the Indians had brought the seeds from the South and thrown them in this Cove to naturalize them as an article of food - Pursh thought the same of the locality at Philadelphia - This conjecture of mine was thought to be the case + indeed Col Selden having always noticed the plant was not aware there was any thing recorded till he had been apprized so -

+ Col Selden son to whom I mentioned this, said that they frequently found the remains of Indians and Indian implements and this spot was known to be a celebrated resort. I name this to account for the remarkable fact of the *Cyanus* being found here the only place known in the Eastern States as far as I have any information -

*Galium aparine* I have a specimen of this plant from Carolina have you seen it?

Can you inform me the <sup>SCIENTIFIC</sup> name of the plant the leaves  
of which are the Chestnut <sup>LEAVES</sup> from China? I somewhere saw  
it stated that it was not known what place it <sup>belonged</sup> to. My reason for  
asking is that should it not be known <sup>11</sup> I would ask Mr.  
Rapall Esqr of this  
City lately from Canton, where he has long resided with undertake  
with his agents to procure the plant of the Chinese. Since it  
not be ascertained — this Gentleman brought a very fine  
Collection of Chinese Insects and shells —

*Gilia uniflora* I have a specimen of this plant  
collected in N Carolina — have you this?

*Passera verticillata* Can you furnish me with a specimen  
of this plant — In Ohio where it is common they call  
it Columbia from the account given it must be very  
similar in its <sup>the ascertained</sup> properties — I am expecting to obtain  
the roots of this next summer to cultivate —

*Cimicifuga* I have used the Tincture of this root with  
decided advantage as a Medicine is it much in use  
in N.Y.? The root is scarce in this State but I see it  
growing <sup>about</sup> here though I know how abundant it is in some  
parts of the State of N.Y.

Lindley's Introduction I was gratified to find this work  
you have edited with so much credit to yourself  
so favourably noticed in the papers — I have not  
however seen a copy yet in this place or I  
should have been induced to have said something  
about it in the papers here I shall yet when the season

affowers comes take occasion to say something about  
it I shall take the first convenient opportunity to procure it —

Dr. Sewall's address did you see the Appendix to this  
address — delivered about the year 1825 there is an  
excellent Notice of some of the first Botanists of  
this Country I have a copy —

+ in an English publication



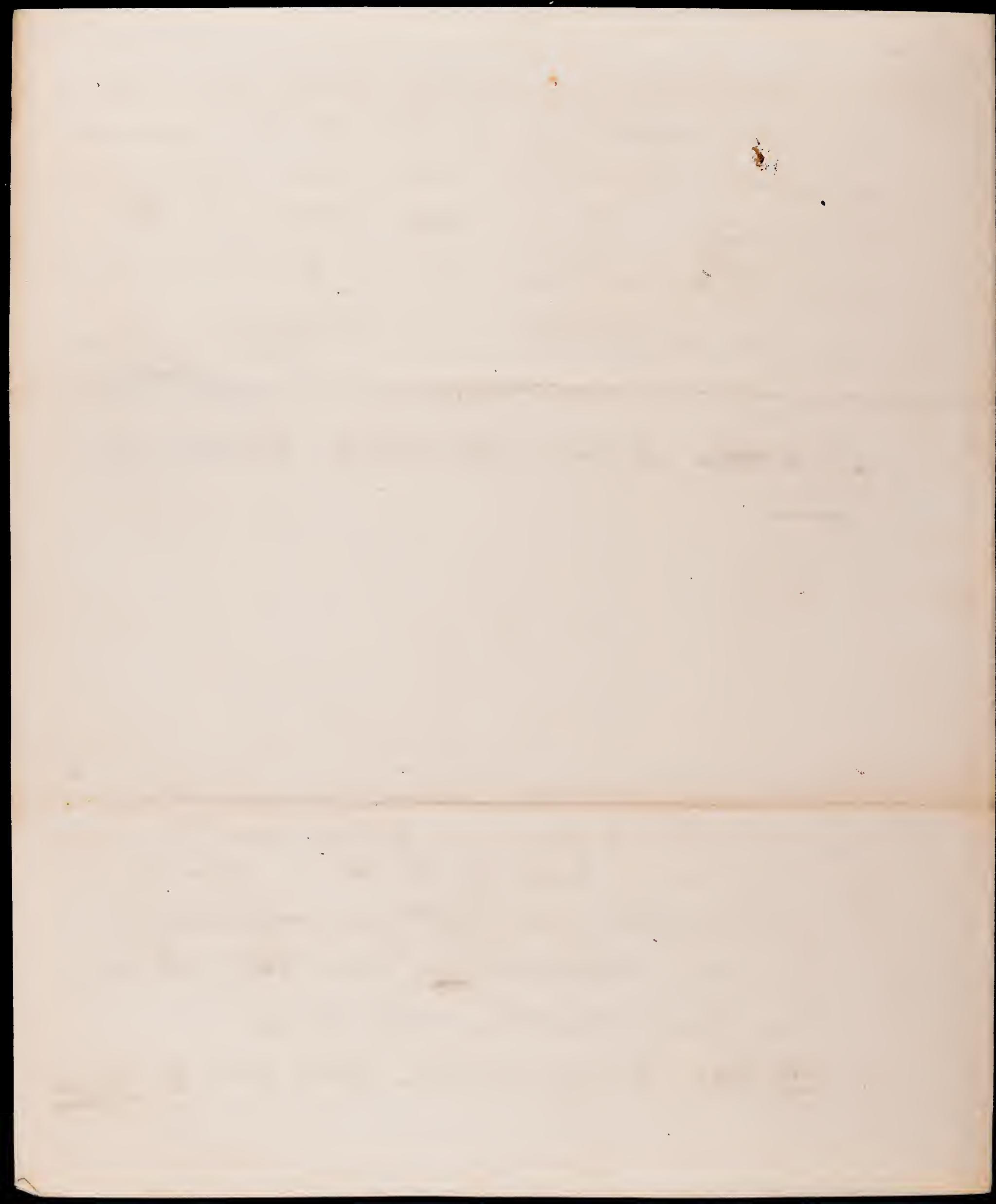
1832

March 20 My package was so large for the mail. I have waited for an opportunity by a private conveyance. My kind friend Skarpo Ege will take charge of the package today. I have not time to look up the plants I have mentioned but will forward them as soon as possible.

In haste  
Yours very truly  
J. D. Smith  
TOMMY CONNELL, DEA  
HERBARIUM  
COLLEGE STATION, TEXAS.

I will take the first opportunity to apologize again

In Goodrich's Greek Grammar 5<sup>th</sup> Edition 1831 p. 15 I find the following rule for the genders of Greek nouns in the third declension. The following are masculine those ending in εις οης, υπ ης ws (υτος and ως) ους, ης. There are 7 exceptions to this rule ως light the only exception I find with w omega.





My Dear Friend

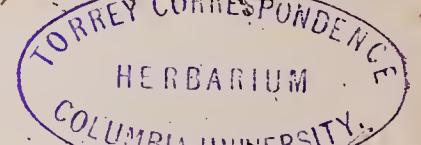
Your Letters of the 5 came to hand yesterday  
I did not get it till late in the day  
I therefore closed the package of Willows at  
once having an opportunity through the  
very great kindness of my friend Mr. W. C. Wetherby  
of this City who visits New York

I hope to send you many more things and  
even some other Willows before you leave  
but should you not receive any thing  
more I will write you more particularly  
in 2 or 3 days at furthest —

Mr. Wetherby who conveys this Letter will  
inform you where to send for the package  
in his charge —

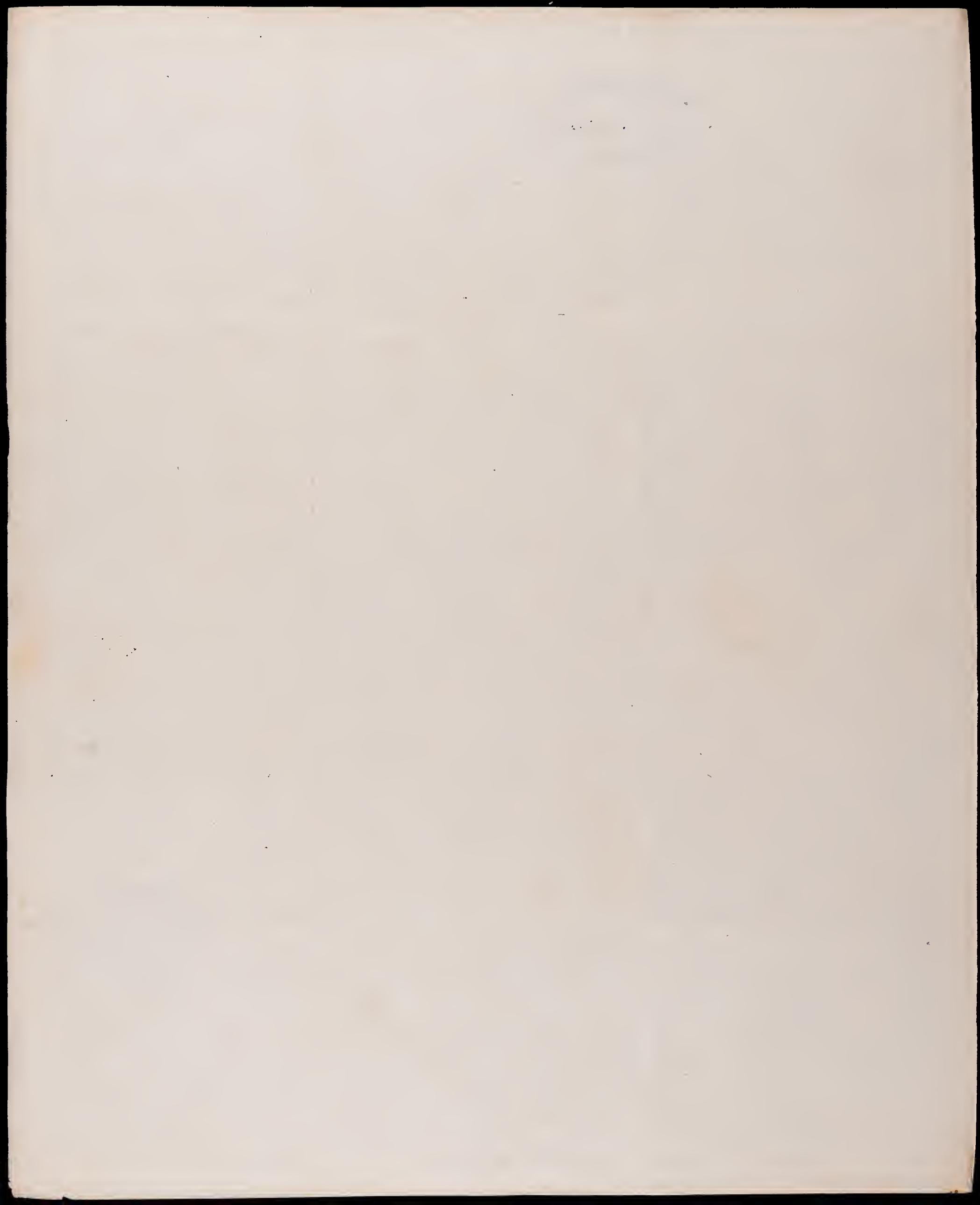
Yours very truly

J. Bascom

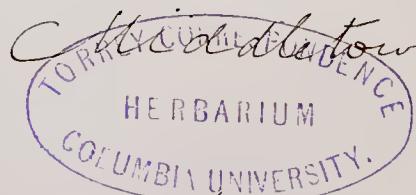


To Dr Torrey

Mr. W. C. Wetherby  
did not receive any  
package  
You I expected to see you before your ~~trip~~ to  
Europe — if you do not get away by  
the 16 let me know



My Dear Friend



Aug 15<sup>th</sup> 1833

14

I had the pleasure of receiving your kind and highly interesting Letter dated London May 29<sup>th</sup> which came to hand Aug 3<sup>rd</sup> (the N York postmark 1<sup>st</sup>) In this Letter you speak of having written me briefly respecting the Willows, and also make mention of a large bundle of Willows from Professor Hooker. Neither letter nor bundle have I received. On the receipt of yours of the 29<sup>th</sup> I desired Mr Augustus Russell (103 Prince street) to ascertain for me if there was any package in the public store, I have just ascertained from Mr Hall who went for that purpose that he found nothing answering to my name.

I am exceedingly anxious to see you, and pass 24 hours in conversation respecting your travels Botanical researches &c I am fully aware you will want time to see your numerous N York friends, and rest yourself after your voyage or I should get on to the first Steam Boat to see you. as soon as I learn you are at work in your Herbarium give me notice and I shall be anxious to pay you a visit - and will if nothing prevents me.

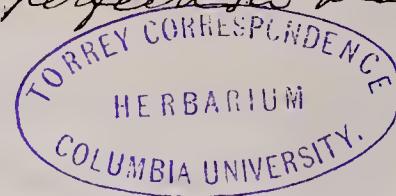
(D.V.)  
I have been watching, studying, and collecting the Willows ~~every~~ opportunity this summer. a few days since I very unexpectedly found upon a new locality. have not half explored yet, with abundance of *S. longifolia* Muell, its fruits coming in flower, and there is a well defined silky var. They will probably continue flowering during the month of Sept. The locality is nearly

I should be glad to have a copy of notes made on the Willows in the  
Herbarium of Park and should you have any new specimens that  
would suit me I should like to have them.

Am anxious to know what has become of the package from Dr. Luker,  
did you go to Glasgow? I presume so, perhaps he has delayed  
sending his package intending to select the species for you and  
myself

I see by the papers they are making some noise about a grass that  
is found to be wonderfully productive in the States. The Gama grass  
Tripsacum dactyloides. I had seeds of it from S America 2  
years ago but they did not grow. It was called gamalote grass  
I imagined it was the same as the Tripsacum, The Gentleman  
who sent the seeds thought it might prove of great value to Georgia  
if cultivated there.

I have been collecting within a few days all the Ledys and  
and Lespideza within my reach, the season is very favourable  
for them, and for some reason I do not pretend to account  
for, they are more abundant and in greater perfection than  
I ever saw them before.



Please to present my respects to Mrs Torrey and my kind  
remembrance to your Daughters - I am Dear Sirs

very Truly Yours

Joseph Barratt

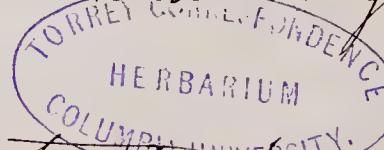
To Dr Torrey?

Ps shall be glad when from you soon as convenient.

Reed and Aug 29th

My Dear Friend

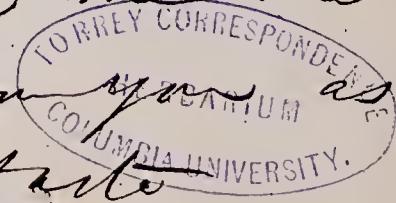
Middleton Aug 26 1833



Having an opportunity of sending to New York I forward a letter to apprise you of those dear Lieut letters who mentioned you to write me by him but he did not find the letter in his hat as you spoke of sending to me nor have I received it by post. I was glad to hear the package of Willows was safe with greatly I had them. For the last few days have been troubled with a severe Cataract and my eyes trouble me so that I am obliged to keep out of the sun and dust. In the mean time keeping within doors I am looking over my specimens intending to get some in readiness for you -

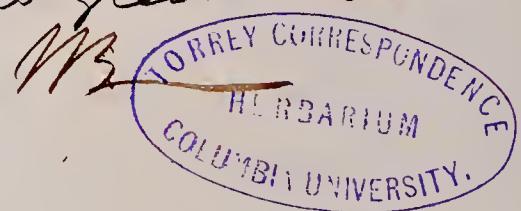
If I had the package of Willows I should have a wonderful treat indeed to go to N York to the rivetted to them for 24 or 48 hours and at last bring them up here seems not quite the thing. If you would like to <sup>trust</sup> trust with me your directions shall be complied with - my health will hardly permit me in safety to visit NY for a few days longer though I am very anxious to talk with you. Will you send me the package up or let me hear from you as soon as convenient. Yours in haste  
J. Barret

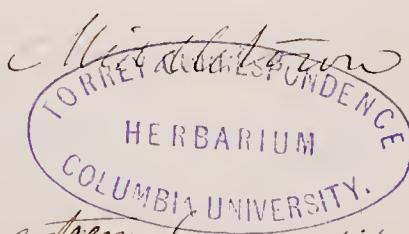
To Torrey



I should enjoy my interview better when I  
have settled my debts and finalized the arrangement  
of my wills. Will bring all your things back  
and put affairs suits up for Prof. Clark  
at your disposal. and another ~~for yourself~~  
with notes

have been busy with the Heuchera  
and Lespedeza and have many fine  
Specimens for you and have made Notes  
for your herbarium in which I think I  
can show you some good things & in great haste





16

My Dear Friend

I was extremely gratified to hear from you this morning dated Aug 29<sup>th</sup> with a post mark Sep 14<sup>th</sup>. I am now so far improved in my health as to resume my active habits and feel as if August try visits you the latter part of this week. The information you give me of having forwarded the bundle of Willows by the Schooner Emily delights me not a little, the package is in careful hands though it has not arrived here yet. I am well prepared for undertaking the arrangement of the Willows at this time from your former collections which I have studied attentively & with the sources within my reach I shall be able to get along rapidly. Fortunately there is a spacious empty store just under my office with a large Counter, shelves &c this I have occupied several weeks for my plants and here I shall get along admirably with the forthcoming Baudle.

Since I wrote you last have found a locality but 3 miles from this city with abundance of *Salix tristis*! and *Nemopanthus* <sup>secunda</sup> of these I have not yet seen the flowers! so I shall be sure of them next Spring having <sup>secured</sup> a full supply of fine specimens with leaves. I find the *Liatris squarrosa* and abundance of *Mondropha lanuginosa* which by the way is a very variable plant. I have also 2 fine specimens (one red now) of a *monotropa* of an orange red with yellow

Darlington's Cat is the only book in which I find mention  
of the Monotropa. I have a duplicate of the  
Monotropa of Vahl, and the Brown species of  
Bryson, and the Brown species of Bryson  
as well as the  
a few small stems

petals the plant is very fragrant.

There is one character in the Monotropa. Lyp. that is constant viz  
the terminal seed vessel is 5 celled and all the rest  
constantly 4 celled. The Pyrolaceae have 2 stamens for each  
cell and this I find constant having examined numerous  
dried seed vessels.

I find here a beautiful white Veronica it may be  
an accidental variety, however I will cultivate it  
and watch it.

I am getting along with the study of the Fungi having become  
quite fond of ~~the~~ this tribe & some I have owned London  
I find I can do much, and though your kindness I  
have Vol 1 of Fries Sys Mycologicum. The eatable  
mushrooms are more plentiful this season and  
in higher perfection than I have seen them before  
in this country.

If you should have a duplicate of Monotropa procerum  
Sternberg of Vahl do lay it aside for me, I have  
a dried spec of it showing the seed vessels in  
good perfection, but have none with the  
flowers.

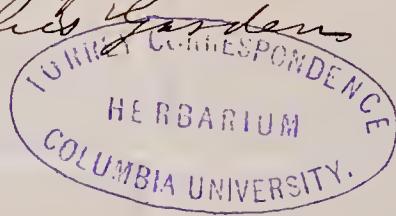
of the Monotropas with the ripe  
seed vessels have put aside some specimens  
for you to examine them thoroughly at your leisure  
next season I purpose to watch them in all their  
stages -

To Dr Torrey

Yours truly Joseph Bassett

PS

Time near it intimated Dr. Bopack has some thoughts of resuming practice again in the City, having in some measure opened his wife's fortune, do you hear any thing respecting it? judging from my knowledge of him I should suppose he would like the management of the New York University. If that troubled up the North River this summer should have gone to ~~his~~ <sup>TURNEY CORRESPONDENCE</sup> ~~garden~~ on which he has been lavish with money.

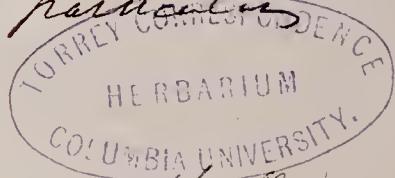


I have put up a package of plants for Dr. Billberg of Stockholm <sup>in return</sup> for those I received; my package is six times as large; you may perhaps choose to lepen it. Since it has been delayed so long, will bring it and let it be sent under your auspices.

Have also a package of dried plants for you in readiness against I come

If you see Mr. <sup>W.</sup> Cooper please to let him know that I have a collection of Florida snakes 20 or more in 4 Bottles among them 3 Coach whip snakes and sandy Curious things would these be valuable to him, if so I would be glad to let him have them in exchange for anything. If you desire them <sup>by yourself</sup> let me know and I will bring them with me. or if Mr. Cooper desires them he can apprise me without delay. I have not his address or I might have written him myself. Perhaps you can let him know without <sup>particulars</sup> inconvenience

Through the politeness of Mr. E. K. Hubbard shall forward this last letter. In haste yours fr  
J. B.



Saint Mathurin has given a Tourmaline to convey to you it is from Haddam  
I send you copy of Hooker's Flora which will be particularly useful  
in the examination of New Willows, and by this I have corrected Smith's  
Her Brits

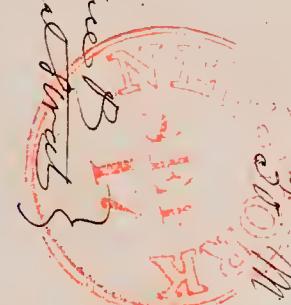


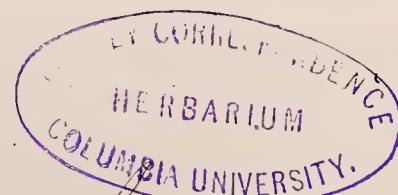
Dr J. Torrey

300 Broadway

New York

Concordance B  
Medieval Street





Middlebury Feb 5<sup>th</sup> 1834. — 17

My Dear Friend

I received a pamphlet from you some time

since this being the only communication from you that has come to hand since I left your hospitable mansion.

For some time past I have been intending early to write and have several Memoranda before me I will take them up in the order they occur

1<sup>st</sup> Did you read the interesting accounts of the life and correspondence of Linnæus Edinb Rev no C XV p 39? The account of the Rain of Palenque I named having read of this was in the Evening Post October 17 1833 no 9722 the same article I was informed appeared shortly afterwards in the Albion this article I preserved and should you desire to see it will hand it over to you when I next visit you.

On my return from NY I went to work actively on the Willows and made some further discoveries. These I will not now trouble with it being my intention when you get through your course of Chemistry to visit NY and bring your Willows to Middlebury.

I am desirous to know if your Books & You were expecting from Paris have arrived and I am further desirous to be informed of the notes made by you in Paris in examining the Herbarium of Michaux will throw any light on the Willows there being but five described by Michaux if I could once see these Specimens I could tell in a moment all about them and I imagine shall be able to impart something new respecting them —

Perhaps you may remember a person calling upon you to enquire  
after Zelkha that I saw in your office for the making of  
Pencilin when I returned to Middleboro I find the  
man had arrived before me and had examined the material  
in situ he assured me he found the Zelkha pines  
and more abundantly than any he had met with - his remarks  
however he had found chalce and more than I had  
represented to him. last fall he offered for the article  
\$5 brought to New York or \$7 delivered in <sup>CONTES</sup> ~~YORK~~  
they are now getting it by contract the price agreed upon  
I have not been informed this being an important fact  
at the arts I deemed worth making known to you

Blod for some time I have been desirous to know the best means  
of analysis I was aided by an excellent paper in Linnear  
Journal no 48 p 384.

The use of Black oxyd of

Cipher was then new to me, and the air pump experiments  
will obtain further information not having any thing  
within my reach that goes quite as far but the  
original paper has not been here you do that  
I can see sometime?

You may remember we had some talk about the difference  
between Solar and terrestrial heats have you turned to that  
curious article to found in Linnear Journal no 48 p 383

Glacon and Album I have found nothing very satisfactory  
 respecting the former of the latter I have collected a number  
 of curious facts in a paper I have drawn up and should  
 like to submit it to your perusal sometime -

1834 Jan 10<sup>th</sup>

This day I met with that rare and beautiful fern the Hydrolycium palmatum for the first time growing, ~~though~~ through your kindness I have long been familiar with the specimen.

The locality is about 5 miles North of the City of Middletown in a pine wood. The directions to find this locality would be as follows:

5 miles from the City on the Hartford turnpike and in the Woods one mile west from the road where it may be found in great abundance.

This very beautiful and delicate fern had retained its verdure so that I was enabled to procure a very large supply of good Specimens. It grows from 3 to 5 feet in height, <sup>111</sup> twining among the shrubs but not with the regularity of a Couvolulus and apparently both ways, at least thus is the case with the samples before me.

It has about 10 pairs of leaves extending about  $2\frac{1}{2}$  feet, and <sup>about</sup> the same length bears at its termination the fructification.

The Stipe is exceedingly strong though ~~small~~ slender, so much so as to be broken with some difficulty, and will even wound Refriger when you attempt as I did to pull much of it at a time. I found it best to take a knife and cut it.

The soil where it abounds is a damp rich black soil bordering on a swamp. Sometimes several of the vines twist together for support.

Its size <sup>10 to 12 feet</sup> ~~depends on~~ <sup>depends on</sup> the Herbarium <sup>of</sup> COLUMBIAN <sup>UNIVERSITY</sup> ~~of~~ the Couvolulus arvensis of Europe.

Root creeping horizontally, slender - March 19 <sup>Look up</sup> ~~Look up~~ a number of the plants & found it had withstood the winter having retained all its verdure. Seven gathered many excellent Specimens!

Yours truly W. B. Abbott

SPONDENCE  
RIUM  
IVERSITY.

Wm. B. Abbott





March 29 - 1834

18

My Dear Friend. It always gives me great pleasure to hear from you: if I receive but a line I feel gratified by such a token of remembrance but yours of the 24<sup>th</sup> has given me a number of interesting particulars. You will see by what I have previously written that I have not been quite frozen up this winter though I have done but little with Botany till within a few days, though I worked hard last fall after my return from New York. This day sent you a newspaper by the post containing the obituary notice I wrote of the late estimable Mr Schreiner. I felt deeply on seeing his death announced and immediately wrote a hasty article for one of the papers my only reason for not sending you a paper immediately was that I thought my tribute from so distinguished a man too feeble for the occasions. and never dreamt the article would meet your eye, <sup>as it has</sup> finding however from your letter that you had seen it I at once sent a paper, <sup>on to you</sup> - It was my intention to write you particularly about Mr S but as you have kindly undertaken his Biography it will (I doubt not) be some relief to his friends by your undertaking the mournful task, indeed I know of no one so competent to do his memory and scientific attainments justice. you have besides had the benefit of a long correspondence with him, and will henceforth look over his letters with a melancholy pleasure. In looking over the Herbarium of Prof Hooker, I mean the Willows in his arranged collections, I find many from

Mr S and was particularly gratified to find there three fine  
specimens of Pershs *\*Salix recurvata* no 5. till I saw these  
in the herbarium had some doubts respecting the sp, the male  
flowers are wanting! I had fully intended writing  
to Mr S to obtain some further information respecting  
his plants but Death has closed his earthly career and  
now he has joined the angelic throng before the throne  
of God where they hunger and thirst no more -  
what a difference between the death of a sincere Christian  
and the infidel philosopher. You must well recollect  
this fine passage by Sir H Davy ~~last days of a philosopher~~ <sup>in his</sup> *Salmonae* SOCIETY CORRESPONDENCE  
speaking of the Consolations of Religion "that makes life a  
discipline of goodness - creates new hopes when all earthly  
hopes vanish" or - when I had written so far I opened  
my Bible to examine anew the consolation it affords to the  
believer "They shall hunger no more neither thirst any  
more: neither shall the sun light on them nor any heat.  
For the Lamb of God which is in the midst of the throne shall  
feed them, and shall lead them to unto living fountains  
of Water."

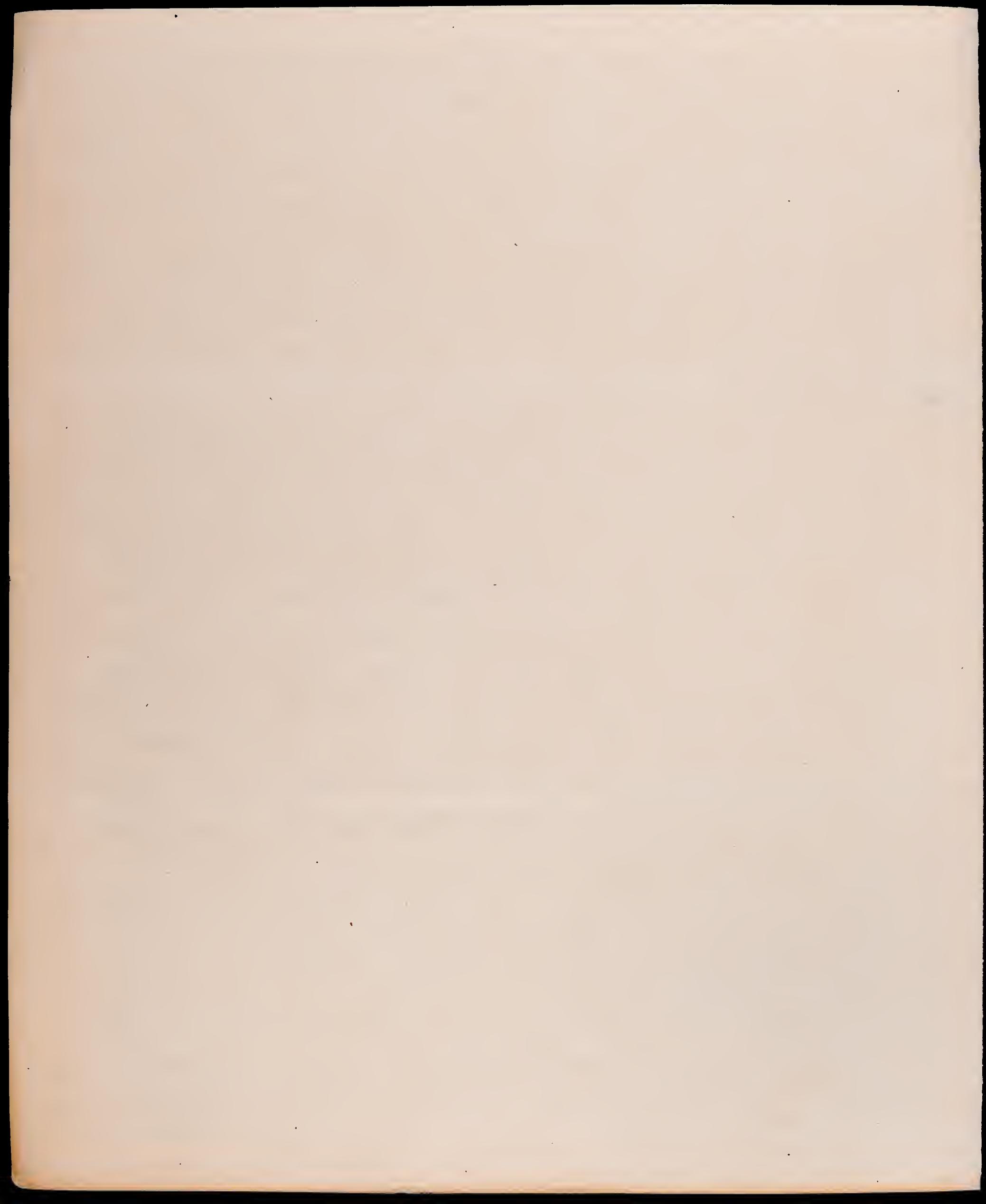
Burton has written some admirable Eulogies so far as  
philosophy goes: but no further. Dear he was worth all his  
mighty powers: a wise stranger like the Consolations of Religion  
I hope it may prove I am here mistaken but I have seen  
nothing to the contrary: having reference at hand  
to several I have read with much delight especially  
I would direct your attention to them at your leisure  
provided you have not read them. It was in  
Walsh's paper the National Gazette Read them  
Memoirs of Richard no 1546 Corvisart no 1413 (1830)

and the historic close on L Nicholas Vauquelin  
Natl. J. no 1981 (1833), with his last he has given some fine  
works of genius. In a Botanical review I lately  
read in the Amer. Rev. no 82 p 41 I was pleased with  
an extract from Cuvier but know not when or what occasion  
it was written any farther than its being in praise of  
Botany when he said "that in the Sciences of observation  
botany created an epoch as important as the  
chemistry of Lavoisier in the Sciences of experiment."

1-1534  
If you should be writing soon to Dr Darlington of West Chester  
say to him that I found one or two specimens of (the true)  
*Salix recurvata* of Pursh in Hooker's Herbarium sent by him  
but his specimens want the mostament this is much  
wanted and perhaps he would kindly exert himself to  
procure it for you or me There were some other  
willows in his Herbarium without flowers but I was  
so fortunate as to find the same growing about here  
last fall procured the leaves and shall this spring  
look sharp after them myself I think you had better  
not delay writing to Dr Darlington about this matter as  
of it is only alive at the same time you could  
ask him to give a sharp look out for such things  
my attention this spring will be directed mostly to the  
willows with glaucous leaves such as *S. Ericophylla*  
*Muhlenbergiana* *Tristis discolor* & find great  
trouble with the earliest. Since there are many  
varieties and some curious facts in relation to  
them having watched them for years and now  
knowing all the trees and their exact localities I can  
go direct to them and compare their times of flowering  
from year to year

Yours truly J. Barnatt

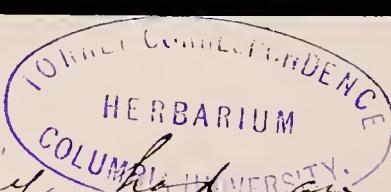
104 CORRESPONDENCE  
HERBARIUM  
COLUMBIA UNIVERSITY



1834

March 31

184



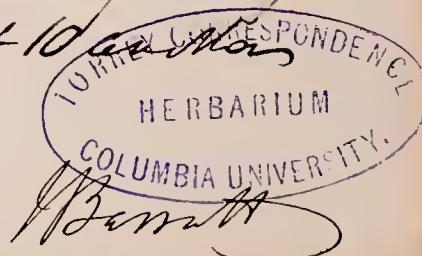
Have this day ~~had~~ <sup>had</sup> an excellent opportunity of making some measurements of two large trees that have been cut down near this City. The first was a large buttonwood Platanus occidentalis ~~the circumference~~ at 5 feet from the ground it measured 10 feet 1 inch in circumference, and I counted 116 concentric rings from the center, ~~Measuring~~ <sup>beginning at the center</sup> on one side, therefore 20 concentric rings measured 3 inches or 6 in diameter of the last 20 rings on the outside, these measured but 2 inches and one tenth or 4 inches and 2 tenths in diameter <sup>increase in 20 years</sup>. This was a noble tree, and grew on the banks of Little River at the foot of the Meadow bridge. At a short distance a noble oak had also been cut down, of this I made the following measurements -

Quercus tectoria. Diameter level with the earth 4 feet 5  $\frac{1}{2}$  inches at 10 feet high Circumference 10 feet 10 inches. Concentric rings 88. This tree also grew by the river side.

There is also growing by the Atommet factory + a swamp white oak that measures 15 feet in Circumference.

A large tree of the Buttonwood was cut down about 25 years ago and was found this was on the farm of Richard Darley at Waterford County 5 miles W of New London New Rye Ferry its diameter measured two ways was 8 feet one way & 10 <sup>and a half</sup> the other call its 27 feet in Circumference.

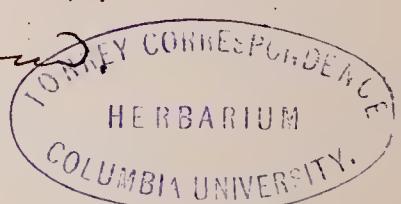
+ near this City





It was lately speaking of large trees to Mr E F Johnson an Engineer formerly Professor of Math & N Phil at the Mt Academy here he named a Butternut tree on the N Bank of the Mohawk 3 1/2 miles East of Herkimer village 12 feet in Circumference 6 feet from the ground, the branches cover an horizontal area of a 300. square feet being 96 feet Diameter <sup>bottom</sup> (that is at right angles).

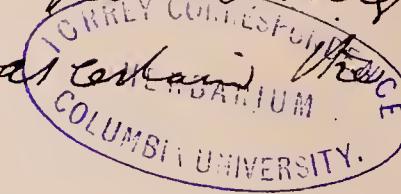
at right angles).  
Within  $2\frac{1}{2}$  miles of Berkimer village is an apple tree  
10 feet in circumference offset from the ground.



In the North Burial grounds of this City (Middletown) that was laid out  
in 1650 there is a majestic Elm the following measurements  
I made Sept 6<sup>th</sup> 1832 as noted by my friend Mr E F Johnson  
The Circumference of this Elm tree is 36 feet at 2 feet from  
the ground, and at 10 feet from the ground it measures  
44 feet in Circumference. It spreads from N to S  
110 feet, from E to W 95 feet. nothing very certain can  
be told respecting the age of this tree. however certain it is  
that it was a large tree when the first settlers arrived here.

On further examination I find that there are some enormous  
trees of buttonwood mentioned by Michaux one of 40 and another  
of 47 feet Circumference. But these trees are of rapid  
growth and may in point of age bear some analogy to the  
Eastern plane tree. Should not therefore carry the age  
of these large trees beyond 800 years. So that for all  
I can yet see the <sup>the Hemlock</sup> Centary may be the largest living  
tree of the American forest.

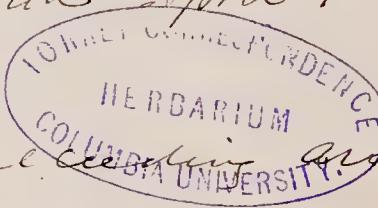
The first year of my travels in America I saw a very  
large Hemlock tree about 6 miles west of Coopers Town NY  
that measured 18 feet in Circumference. this was a  
stately tree but the top was gone and it bore every  
appearance of very great age had I then felt as much  
interest in this particularly as I since ~~feel~~ I might have  
been induced to cut its down to try to ascertain <sup>the</sup> age  
by counting the concentric rings.



Rec'd Apr. 2d.

19  
and Apr. 7th

Medellin April 1 1834.



My Dear Friends

You will see by the preceding extracts I have been with you for sometime past having this day an opportunity of forwarding my package I am obliged to close my communications at once, without saying half I want to write - I shall be much engaged for about 2 or 3 weeks and then I shall try to write you -

I have a number of fine Specimens of Hydrocyathus for you and I purpose sending 30 or 40 to Dr Hooker & the equal number of Dr Griseville hoping they may prove acceptable to these Gentlemen you at least 100 Spec's. and as many more as you may require another season - being a rainy day I shall not forward them now, but if these Specimens would be useful for foreign exchanges I will forward them to you before I go in May. If I do not hear from you expect to see them on my next trip -

In a few days, having got to work again on the Willows, I shall perhaps finish the arrangement of Prof Hooker's large bundle of Willows. In looking these things over I have put my notes among them plentifully - and shall be able to reduce the chaotic mass to a considerable system - the Collection rich as it is, ~~and~~ more especially this arranged Herbarium of Prof Hooker is sadly deficient of good Specimens <sup>with flowers</sup> from the Midland States, and these my labours will serve to fill up this Chasm - It is all important where authentic flowers to the leaves, and to do this requires great watchfulness as you must be fully aware

It has never been my good fortune to see Mr. Nattall if he should return safely I must try to get a sight of him I have several times crossed his tracks and was nearly meeting him on the White Mountains of New Hampshire in 1824. Mr. Crawford told me she was quite surprised to see him pack up such a quantity of plants in new paper. He was a whole day she said - in doing this but that curse long legged fellow her husband Crawford did not happen to see him being absent and to my surprise expressed great regret I told them who Mr. Nattall was and the extent of his travels etc. this made wonder if he was go again they would be glad to see him. This backwoodsmen laughed at the idea of my enduring fatigue but I gave him such a walk over the mountains taking him about 30 miles in one day that he will not soon forget I tired him out and had to send a horse for him.

I am glad to hear you have determined to give a course of Lectures on Botany. His highly probable while have a class this Spring at the Wesleyan University they have addressed to me a wish for me to take a class. If so I shall be able to explore the Botany of this District so rich in plants. so far as yet but imperfectly explored so far as relates to the Botany.

I am Dear Dr

Yours very truly  
Joseph Barnard

To Dr. Torrey.



ps.

I postponed <sup>sending</sup> as you must be aware a very fine arranged  
set of all my Willows to Dr Hooker, and if I do not  
send them ~~early~~ this Spring it will be because I  
am anxious to extend my observations and increase  
my collections, as well as to matute my observations  
by further watchfulness -

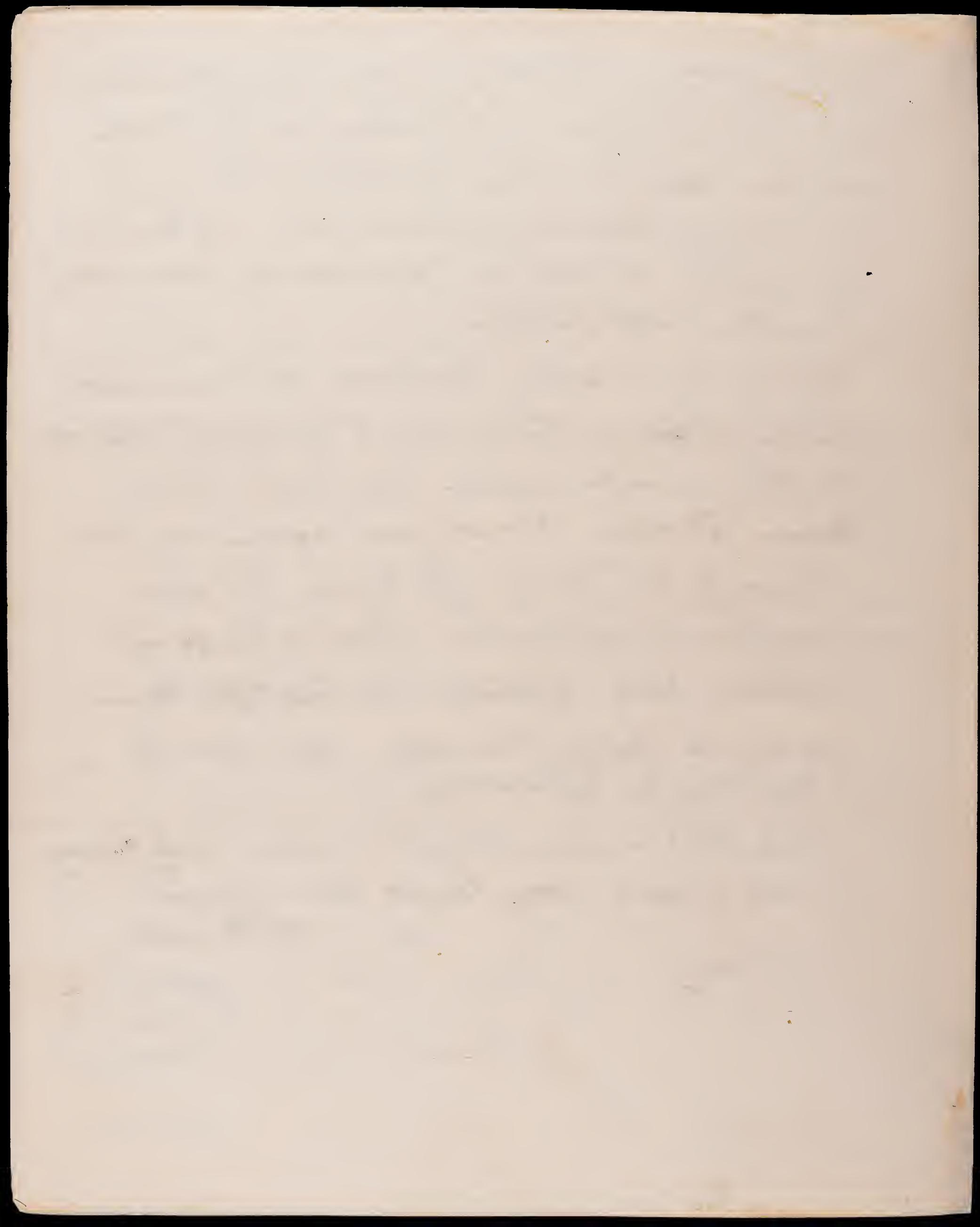
There may interesting particulars to communicate  
relation to ~~this~~ this genus, but it would not be worth  
my while to enter upon it now, since I will  
reserve it when I meet you again and that  
I hope will be soon. Thank you for your  
very kind invitation. It does me good  
to visit your hospitable and beautiful house.  
You said nothing respecting your family  
trust they are all well.

be so kind as present my best regards to Mrs. Jones  
and accept very much from yours =

J. Bartram

To Dr. Jones.





Rec'd? Sept. 30th

Am. Dr.

Widatow Aug 26<sup>th</sup> 1834.

۱۷۳

My dear friend  
JEWELL W. H. PLADENCE  
HERBARIUM  
and  
COLUMBIA UNIVERSITY.

Yours dated Aug 25<sup>th</sup> as I did not reply to the first of these  
I will without delay give a hasty account of myself.  
In the first place ~~now~~ I find myself too much engaged  
at present with my practice to be able to leave. I shall  
however take the first leisure to visit the City and hope  
to pass a few days with you. a few days ago I heard  
of you being in Philadelphia but you say nothing about  
this in your letter. I wish you could have looked at  
Muhlenberg's Herbarium for the Willows with my optics!  
by the way I wrote to Dr Tully a short time ago asking him some  
questions respecting the L myricoides\* and wishing to see  
a specimen, after some delay he wrote me a long and very  
kind letter but was not able to furnish me a specimen  
or any information that I hoped for. I had asked him to  
refer to the Annals of Botany! I even sent him a  
specimen of what I consider the L myricoides. I have  
never seen its fruit - there is none of it in all your specimens  
and I only know it through Dr Hooker. and the same thing is  
inevitably named among ~~among~~ his plants,!! In the arranged plants  
of Dr Hooker I mean his herbarium, the Willow is  
named and from ~~for~~ Schweinitz is the L tristis in a  
peculiar state gathered late in Autumn, when the leaves  
are much thickened. and here let me remark that  
next to the thickness of the leaf the best criterion for judging  
of specimens at what season they were gathered is the  
terminal buds. this character has aided me much  
in studying the arctic Willows - There is a note  
on the Stipules in the work of Seringe on the Willows that I  
shall show to you is incorrect - at least that does not  
apply to our Willows <sup>generally</sup> he denies the stipules being  
deciduous - I will not however go into particulars at  
this time -

This very hot summer has been favourable for the development of some fungi that not found before - on the 23<sup>d</sup> of July I made a grand collection and amongst them was delighted to find a quantity of Agaricus muscaria! with the several varieties in colour enumerated by Fries as well as the var. squamulosus - the dry weather however that followed after the 23<sup>d</sup> entirely put a stop to their further growth -

I was successful in drying most of these Fungi except the *Ag. muscaria* but this the Grub's entirely attemp. Seeing I did not much with success in drying this, I had resolved to preserve some in Spirit - I have two <sup>other</sup> ~~that are~~ naturally dried that exhibit the characters pretty well.

This (fungus) Agaric grows here as large as figured by Sowerby but has not not the fine orange red as shown by his ~~that~~ figure which I perfectly remember, and that so strikingly looks like *Agaricus fascicularis* that also grows here. I mean as to colour.

I named my discovery of finding *Ag. muscaria* to Dr Tally and called over Dr Minot and showed him my Specimens he had, I knew been interested by Dr Tally reading to him that extract in Lindley's Botany - Dr Tally has written me to procure some, being very desirous to try some experiments.

I have found more of the *Vicia Clandestina*. It is plentiful in 2 localities. The scape is dilute purple and the Capsules covered with purple dots (or a dull <sup>purple</sup> colour) There a good deal to say about the matter but more on this next summer when I have seen the same thing in its Spring drops and flowers.

I turned to your Flora and to the paper of Mr Schweinitz where what he had said about this *Vicia*. It really grows as Rush has described it "among rotten wood" "producing its flowers as it were under ground, as they are always covered with rotten wood or leaves" - It would seem as if this plant had the power to live under the dead leaves and branches and at last emerge though late when many other plants would be entirely destroyed and this in particular situation may account for its flowering so late. I found other plants with short petioles to the leaves but these had the dark purple dotted Capsules - The flowers appeared like abortive. I shall collect the seeds and see if they will vegetate, this will be best <sup>means</sup> to settle the question. but I shall only be satisfied when I have examined the same location in Spring -

I find the *Lycopodium scandens* perfects its fructification late in the season Park 4th July - this not till August and I suspect much later. <sup>that</sup> that it continues perfecting its fructification late.

I have a number of remarks to make respecting my observations on plants but I must reserve those till I see you, many of my notes may be serviceable to you. perhaps?

If you see Mr Wm Cope before I do tell him I have made a collection of Freshwater shells of this river for him as he requested me and shall also present a very fine

Lygian when I come of he is in haste for them I will send them at once if desired so to do.

Present one respects to Oregon and California plants and the other California plants and the other California plants

I was lately reading the Edinburgh Review when I met with an article respecting a work of Mrs Somerville and here I found an excellent explanation of the total eclipse of the light of a candle before 2 plates of Journaline with that apparatus you showed me obtained at Glasgow. You will find the explanation of this phenomenon Ed Rev no 119 p 165. If you havent already seen it I think you will be pleased with its perusal

In my scriptural reading I have struck to find a reference to the process of Capitalization by the Prophet Jeremiah Ch V 29 I am not aware that any notice has been taken of this by any chemists but this may be owing either not troubling themselves with reading the Hebrew carefully. In the common version the true meaning is not given. It should read thus. going back to verse 27 which is "I have set thee for a staves", instead of this it should read according to Dr Blanapley "I have appointed thee to make an apay among my people". The word תִּמְמָה <sup>(#)</sup> meaning "one who examines metals, an assayer." Such an explanation makes the passage intelligible. The Septuagint also from the same reading since the above was written. I have examined several translations of the Bible in different languages and was much surprised to find in the German of Luther the following "Ich habe dich zuer gesetzt Schmeitzer," that is a smelter. and our English word Smelts comes from the same source. On looking further I see in a new Matthew the Cottage Bible the passage is put right. The Latin of Martin Luther was a man and perhaps from early studies had a knowledge of metallurgy. No son might share his understanding the passage referred to.

Sept 19 Your kind letter of the 11<sup>th</sup> I intended to answer immediately but ~~delayed~~ to do so owing to the prep of other affairs. I had hoped to be able to see you before this but could not get all my things ready but hope to be on the way soon. On looking over all my stock of Willows I found I had to dry more leaves to make my sets complete. Besides having to gather some Rydroglissum to be on Saturday. I had a good time and procured some ~~specimens~~ I would say most excellent specimens of this most beautiful fern. I also bought some more of the same. I have added another Willow to my list of this place it is the Salix fragilis Linne. I have now gathered here 32 species and varieties! I have completed also a new arrangement of the North American Willows in 7X Sections or groups that work well, and will greatly facilitate the study of this difficult genus. The arrangement of Pursh now appears to me very faulty. I am quite anxious to wish you Yours truly  
To Prof John Torrey M.D. Boston Joseph Banks

I have been much interested with the study of the Fungi  
and have dried a number quite well will it be possible  
for me to get a set of the drawings of the late Mr Schwenck  
I mean those that Capt Le Conte had copied if you see him before  
my trip to NY will you name the thing and if it is worth  
while I will bring all my specimens of these precious favonites  
of so few <sup>Botanical</sup> for the study of the Agarics I have such a  
growing fondness it will be apt to repeat into an agaricomaniac  
and will soon like the place of the Willows as they have in turn  
the Carires. I often think with pleasure of the time I visited  
in festering over the much lamented Mr Schwenck's herbarium <sup>resting place</sup>  
I have heard nothing respecting your Eulogium on Mr S.—?

John Torrey M D

To McDowell & Co

New York

J. T.

COLUMBIA UNIVERSITY LIBRARIES  
ADAMS LIBRARY

*Adyposporomyces fuscus* grows abundantly in the highlands of New York  
on a swamp near the 61<sup>st</sup> mile stone post road to Albany N.E. of the  
Inn yard of Mr Penny. Several curious things grow there viz  
*Atricularia gibba*, *A. cornuta*, *Sarracenia* etc etc  
I do not at this time recollect the exact spot where I have found it.  
here - a few days ago I collected a quantity of Cyperaceae  
in particularly *Cyperus rotundus* Ph I also found *Scirpus*  
*subgreenosus* growing with it, is this rare? lest I should  
wrote so and get none of it and some ~~other~~ fine grapes that grow  
on my favorite Island of Willows in the River Connecticut

Rec'd ~~Feb~~ March 9<sup>th</sup>

1835  
Herbarium  
COLUMBIA UNIVERSITY

LIB 9<sup>th</sup>, 1835.

21

My Dear Friend

I had the pleasure of receiving a letter from you

dated Jan 31<sup>st</sup> (mentioning) a number of facts of particular interest to me and sufficient, <sup>to induce me</sup> were I not to much otherwise engaged to wish NY again to look into your study which has now become a wonderful place for Curious Botanical matters. At the time your letter came to hand I was particularly anxious to hear from you, having been informed by a medical student from NY that you and Dr Gray had met with a very serious accident occasioned by the explosion of some fulminating compound but I could not learn the particulars. I find my informant said got into the papers but though I made search I could find nothing relating to it.

What I saw of your Chemical experiments gave me the highest satisfaction as regards your skill as an operator to be but I thought you too daring with some ticklish materials that Mr Brand at the Royal Institution used to be cautious with, indeed I cannot now but think if his head was duly examined according to the rules of Spruzheim, it would be found that the bumps of cautiousness would be tolerably large, and your care not enough for your safety in all cases -

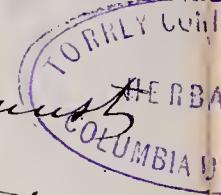
I was truly gratified to be honoured with a letter from Dr Hooker the same that passed through your hands on the 4<sup>th</sup> ult. By this time I hope the large collection of Willows is safe in Glasgow. Dr Hooker has written me to send cuttings of our Willows to his friend Mr Peake of Bedford before the spring and has instructed me

how to direct the package to any thing that I could do to oblige your estimable friend for it will be done by me without delay, and the more cheerfully if the thanks will be  
from the handsome manner he has expressed to me his intention of acknowledging my labours on the Willows with the names, remarks, &c I may furnish him with in his Flor Boreali Americana. But to open a correspondence with his illustrious friend will be  
more than I had thought of but I shall as soon as practicable get all the Willows within my reach, so as to be able to send a respectable number for the Garden of his Grace at Woburn Abbey.

When this tree is sent I will apprise you by post and ~~mail~~  
trouble you or some of your friends to get it shipped by the first packet for Liverpool. The near approach of Spring makes me anxious to have these living Willows on the way without loss of time.

I have already made arrangements with Mr. J. R. Wilkinson of this City to have the box sent to this store at 23 Cedar Street, Jabez Hubbard up stairs whence I will get you to have <sup>them</sup> put on Ship Board.

I purpose sending at the same time a set of specimens of dried Willows to Mr. Dako to let him know what I have sent him, so that your advice to me last winter was not premature. We may indeed yet hope to see some of the plants of Willows of Woburn, or even the "Salicetum Woburnense" which would be a rarity in the Country.



I am not unmindful of what you wrote me about forwarding  
2 sets of willows for France. At you talked of sending by ~~Dr. Mott~~  
but fear I shall not get them ready in time for you.

I have been so much occupied with my practice I have not  
done much with Botany this winter. The days being now  
longer I am doing all I can to make up for lost time.

W. H. Bailey I can is diligently at work on the willows  
I regret he is not nearer at hand that I might often see  
him while he is thus engaged with the drawings &c.

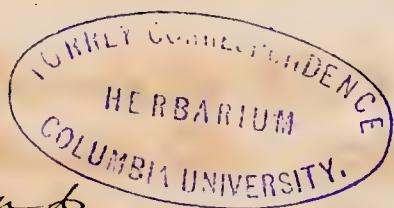
I left unintentionally in your study some specimens  
of *Viscum Vertebratum* if you find these pray take  
care of them for me till I apply for the same. If you  
they are spoiled for want of preserving, it was my  
intention to have brought them along with me  
when they would have been duly attended to by me  
I wish as soon as you get through your course of  
Chemistry and you would visit the Hospital Library  
and take some German Scholar along with you  
and get him to copy that long German talk about  
the *Salix Conifera* by Wangenheim. You will  
find it at Chap XC VI page 123. I copied the plate  
with much care but the German being in black  
letter, I did not undertake, though if you don't  
accomplish this through some German Scholar I must  
attempt it myself, on the next visit to the city.

I find it important from the remarks of ~~W. H. Bailey~~  
accompanying the paper of Muhlenberg (I do not care  
about having it translated for me but I want to know  
what he says about the *Salix Conifera* and where he found it.  
To Dr. J. Torrey

Yours very truly Joseph Barritt

Dr John Torrey  
N Y.

Rec'd. Lett. 7  
March



Middleton Feb 23 1835

22

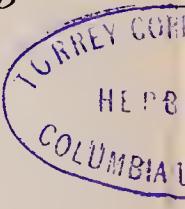
My Dear Friend

I have at length got in readiness to send to England a Box of Cuttings of our Willows, and a set of dried Specimens the former as requested by your estimable friend Dr. Hooker. The tent is to his Grace the Duke of Bedford. I have followed only your advice in sending a set of Specimens these will serve to make known what I have sent. of Cuttings I was so fortunate as to find nearly all, which you must allow is no ordinary achievement in the month of February, to give the names to bunches of Willow twigs, in the leafless State, when, who besides? could distinguish the fullgrown leaves in the month of September! I also purpose to forward a package of Specimens for Mr. Carey these I hope will be acceptable to him, there are a few others he so kind as say thin I hope in the course of next summer to be able to furnish him being desirous to let him have as perfect a Collection as I can make. From these Specimens I trust he will be induced when he makes excursion in the County to turn his attention to the Willows. I should a few years ago have been very much delighted to have found a Collection of Specimens of Willows as complete as the one I now send to you.

I must beg of you to call at 23 Cedar Street and get the Boxes - (There are two, the small one being only filled with the dried Specimens. I regret that these things cannot be delayed till Captain Graham sails again, because he would attend to it for me so cheerfully. I hope you, or some of your Mercantile Friends will prevail upon the Captain of the Packet to have the Boxes sent soon as possible after the arrival in Liverpool. I think they will be induced to do this, when it is known, that the warm weather will so soon destroy these Green Substances.

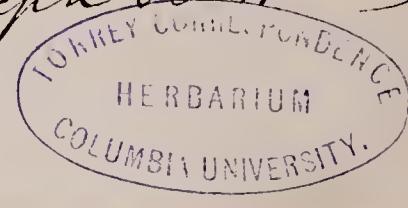
I should have told you that I have packed them carefully up in Sphagnum but I have no experience how long a box of such things can be kept shut up. I purpose however by way of experiments to put some in a box and lay them aside for a month and see how they will appear by that time. This will be some guide to me at another time, but I presume there will be no difficulty in the early part of winter.)

I have ventured to write a tolerably long letter to the Duke all about Willows, if he has the same degree of enthusiasm in growing them I have had in studying and collecting them, hence want to hear further from me, and if he is fond of varieties I can fill his noble Garden with as many varieties



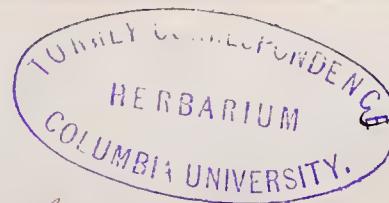
I believe as they can procure in Europe but I have  
no means of accurately judging of the number  
of species growing there. Hooker has cited up to  
72 but I cannot ascertain how many of  
the American Willows are there figured.

Feb 25 I have only time to tell you my dear Friends  
that the 2 Boxes I have spoken of to be sent off  
Bedford will be forwarded this day & sent  
to Wharncliffe in the City to go by the  
Liverpool packets to America. Captain Waterman  
Mr Rapsell of this City has kindly written to  
his Brother Augustus Rapsell who will  
superintend this business for me. The Boxes  
are directed to the care of Messrs George Donald  
80 Broad Street and Mr Rapsell  
informs me the Messrs Barritt of Liverpool  
will attend them at Liverpool & that the  
arrangements spoken of in the former part of  
this arrangement are done away by this  
Circular to my letter. Yours with sentiments  
of the greatest respect  
Joseph Barritt  
To John Torrey M.D. & C. O.  
N.Y.



Dr J. Toney  
N York

Rec'd. Apr. 12.  
and Oct. 17th

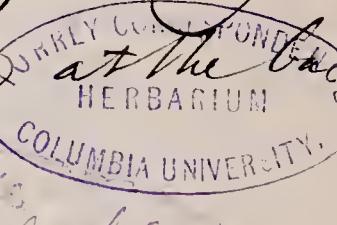


Middletown April 9<sup>th</sup> 1835.

My Dear Friend

23

In your Letter of March 27 (for which I thank you) mention is made of your intention to visit Philadelphia. I thought I could trouble you to look at Mahlenbergs Herbarium and let me know the state of his Specimen of Willows. For this purpose I would have you look over Muell's Cat. of Am plants where there is a *Salix Washita*! <sup>(no 11)</sup> Do look and see if there is any Specimen of this, and tell me what it looks like. and if possible obtain also of that what I am most desirous to satisfy myself about, the *Salix myricoides*. What I want to know is if its blackens in drying if so, it must be very near what I have considered as only a var of *Prinoides* - viz var hybrida and for this purpose you had better take one with you the Specimen of *Prinoides* and the one just named. I find a many varieties of *Prinoides*, and after all the plant of Muell may be only a var.! May note the size of the Stipule and especially the two strong looking glands as figured at the base of the leaf.



Nov 2

1835

on the other side have copied for you the fig. in the Berlin Transactions  
the stipule is very small in the figure. White *Spiriodia*  
may be distinguished by the ~~length~~ of this appendage  
Notice also the thickness of the leaf. and also the flowers  
if any.

You may also take a look at the *Spiriodia*  
of Muell. Msp. which is *S. Muhlenbergiana*. with leaves  
but a very ~~different~~ thing to the plant of Waugh  
the latter leaf having a strongly serrate margin -

Small *Neverias* -

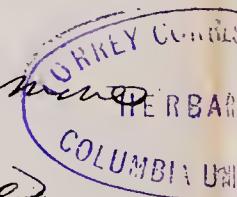
If there is a copy of the Annals of Botany do look  
at it and let me know if the figures cited by Pursh  
are merely copied from the Berlin Transactions -

My kind friend Capt Graham you must be aware is  
safely returned. he brought a letter from Mr Shepherd  
of the Liverpool Botanic Garden. who was much  
delighted with the things sent him -

I desire him to send me a number of living Willows  
~~these~~ he obtained he says in London of a friend  
~~but does not say who -~~ he will want and these  
will give me great pleasure to send him  
next winter

Mr Shepherd informed me they had just begun to remove  
their plants to a new Garden twice the size  
and a mile further back

I purpose taking up and collecting all the orchids  
I can procure with the view of sending them  
to Liverpool, will you do the same? I shall bring  
as all my Specimens, <sup>of the genus orchis</sup> to compare with yours  
Herbarium and there may be some that may  
prove useful to you - Yours very truly  
G. F. C. Torrey M.D. A.M.



a few days ago I visited our friend Mr. Lalleyn and found him  
getting along very well with the figures.

I have began a new plantation of willows, and before  
sitting a number of cuttings of each species with the leaves  
ready to send to Europe if wanted.

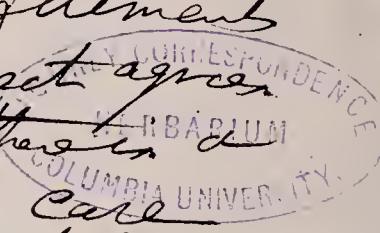
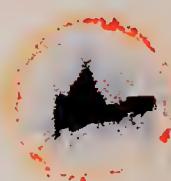
I should like Anderson to have all our willows  
and the garden at Paris also what do you think about  
my sending them about?

I have commenced letting Specimens to complete  
a few more sets and rather against my will  
but little time to finish this business now  
to the best of my ability, having now so  
many advantages and I can ~~go~~ straight forward  
presenting deserts to Dr. Gray. I find there  
is number of good Specimens of *Carex*  
*longirostris* he may want - and there  
are some other Grapes I shall look after  
for him in the course of the summer

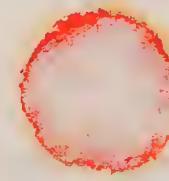
The sets of the Willows I hope are  
nearly ready but I will wait 2 or 3  
weeks before sending them to make some  
further addition. The first Section Cinerea  
I shall watch very closely. The curious one  
called var monocephala of Thunb. may  
perhaps be a new species, the bifid filaments  
is very remarkable, and in this respect agrees  
with S. Canescens of Smith of which there is a  
specimen among your plants, now in my care.

JB.

I hope to be able to visit you in a few weeks  
let me know when you are about the absent say 3 or  
4 weeks hence what I may not be disappointed.



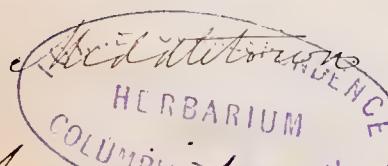
John Torrey M.D.  
30 McDougal Street  
New York



Rec'd Oct. 28<sup>th</sup>

My Dear Friend

and Nov. 11<sup>th</sup>

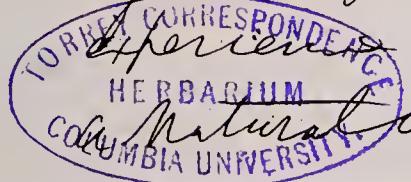


October 20 1835

24

Your letter of the 17<sup>th</sup> has just reached me — It is now so long since I last heard from you I feel exceedingly desirous to know what you were doing or have several times resolved to visit the City personally to enquire about you and family — but my engagements have <sup>been</sup> such I found it impossible to get away. I have also made several attempts to visit our excellent friend Halsay and have as often been thwarted. You will naturally expect I should give you some account of what I have been doing this long summer. This I will attempt in a few words. In the first place I have had a class in Botany at the Wesleyan University and am happy to say I have formed some good Botanists, and have taken especial care to teach them to collect and dry large handsome specimens! I have thus been able to add considerably to my Catalogue of the Plants of Middleton. I have also made notes some of which may probably be of use to you. I set my pupils at work on the violets and stimulated them by exhibiting my <sup>dried</sup> Specimens and assuring them they might make a pretty full collection. They entered upon the investigation with enthusiasm, and made splendid collections. I have many spare Specimens. The number of species growing here is 17. I was never before satisfied with my dried Specimens of the violets. I think your Herbarium might ever be improved from this quarter. This region proves exceedingly rich in plants. I hope in due time to print a Catalogue that will be creditable to the place and myself.

Among other matters I need hardly tell you I have been faithfully at work observing, collecting and making notes on the Willows. and have this summer greatly extended the sphere of my observations and fully tested the excellence, and practical utility of my arrangements into Section &c. which with my additions I find I can and must - it being <sup>as</sup> perfectly experienced.



I have kept an eye to the Poplars especially the *Populus tremuloides* and *Stamens*. indeed I now find I never before this summer fully understood their manner of flowering &c and think the generic character as it stands in the Books ought to be illustrated with notes. The species differ in the form of the fruits. and in the number of stamens - *Populus tremuloides* has from 8 to 10 stamens while another species *P. angulata* has from 60 to 70 - I have counted them from 55 to 75! Nuttall takes no notice of the number of stamens in Loudon's Cyclopedia p 818 the <sup>no of</sup> ~~other~~ authors that give are 8-30 and Hooker Brit. Fl. gives the same number.

As to the time of flowering of plants, when there is any remarkable difference in time, that is where the Books are not correct, I have noted such differences. Thus *Geranium Sibiricum* flowers with us in May and June. and never so late as stated in your flora though this may be the case for N. W.

*Poa aquatica* also flowers here in June. I should think that in several instances the time of flowering had been given solely from plants collected in Hampshire and Canada instead of New York and the Eastern States. on the Atlantic Coast.

It strikes me the *Poa aquatica* would be an excellent grass to cultivate in such places where only useless *Carex* grow. and ~~it~~ <sup>would</sup> take their place. I find horses and cattle are very fond of this species of *Poa* - has Dr Gray kept a watchful eye on all these matters? It seems time he ought to make out a popular

little book on the value of the Grapes in Cultivation, or rather  
He would do well to make out a series especially  
for Scientific farmers with labels adapted. This had  
several applications for such a set but I would never undertake  
it. I felt however much disposed <sup>his payment</sup> to make out  
a Catalogue of all the Best Grapes of middletown with a view  
to the <sup>FORREY CORRESPONDENT</sup> <sup>and</sup> some agriculture journal.

HERBARIUM  
COLUMBIA UNIVERSITY  
Dakota Laramidae Mich. Carolinian Walt. - Dec Reg Reg 1353  
" " Specimen gathered on Willow

days "Racemus 4-8 flowers" my Specimens gathered on Willow  
Island opposite Chatham have 20 flowers! My Specimens  
are very fine. You have not to my recollection any thing  
so good. The Specimens were in great plenty at his place

so good. The specimens have  
I have proved your conjecture the correct respecting the violin  
Clerodendron of Pursh. It is nothing more than Kila blanda  
as I have at least abundantly proved -

I have on hand, gathered this season, a good number of Cesters  
and Soladiags. If you have settled these things to your mind

I should like to bring my entire Collection and compare with Yours  
I am in a position to send the following

Herbarium. Halsey is quite anxious to take hold of the  
Asters but I do not wish to throw them on his way till he has  
done with the Willows. I hope to favour him with my ~~specimens~~ <sup>presence</sup>  
in a few days at farthest, and soon after I purpose  
visiting the City of York

I have met with great success in Cultivating Orchids this place being rather rich in these things, I shall try to get all I can with a view to sending to England (alive). I shall be able to furnish you with fine fine Specimens gathered this year.

I have also a number of good Specimens of *Caries* and *Cladotrichia* I got all fossils find, plenty of *C. Riccia* Denney and *C. Squamosa* with 3 spikes (flat prepared) and Sandmosses things - for the American *Triniti* as I would designate yourself and ~~other~~ ~~as~~ appellations you are richly entitled to.

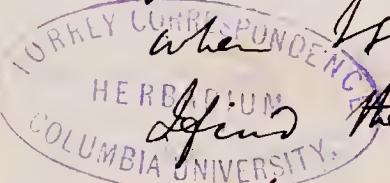
Dr. Gray's wonderful Specimen of Fluor Spar reminds me of our Mineralogy which is by no means to be despised. I have some fine Specimens of Columbite.. and Uranium ochre to a short time ago I found some pretty good Specimens of Phosphate of Uranium, I also found this Mineral 2 years ago. This summer a Crystal of Columbite was found in Middletown (at the feldspar Mine) weighing 14 pounds! It has been broken but still there is one piece that weighs 7 pounds I have a Number of Crystals one nearly similar to the figure given by Phillips Min. weighing 2 ounces, and have another  $1\frac{1}{2}$  ounces encrusted with Uranium ochre.

It is my belief that Gov. Winthrop obtained his Columbite from Middletown, my reason for this I will give you when I see you, and can talk over the whole matter.

*Find the Minerals and Metals of this place were known*  
 much earlier. much time so then as generally supposed by  
 Mineralogists even the first Gov. Winthrop had Specimens  
 and knew the Mineralogy of the White Mts of New Hampshire -  
 in 1642, Darly Field the Drs covered an Indian gunsmith  
 an account noted in the Journal of Winthrop, which tho brief  
 is substantially correct from my knowledge of this region  
 see Journal Ed 1790 p 247.

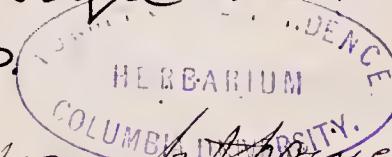
The Chrysoberyl of Gaddan I learn was first discovered  
 by the late Richard. also Esq. of this City who made it known  
 to Col. Gibbs <sup>who was his</sup> particular friend. This City was formerly  
 a great place of resort for literary and scientific characters -

Columbite is another an abundant Mineral in our rocks  
 and from its great weight must have attracted attention early  
 The large Specimen of 14 pounds I have spoken of was found  
 on the outside of the rock, though the fine Specimens are  
 generally disclosed by blasting for the feldspar.



45

This Feldspar locality will eventually be a profitable concern  
the material is in great quantity, and purity with little admixture  
and it easily ~~burned~~<sup>buried</sup> a ton may often be got by a single blast -  
about 600 tons will be quarried this season.



Among other things I have during the last 2 seasons but principally  
this collected all the insects that have fallen in my way -  
this has done with a view of aiding the progress of Entomology  
and of appending a list of insects to my Catalogue of the plants  
of Middletown. My collection now fills 14 Boxes -

Very much to my surprise I have rendered Entomology or rather  
insect collecting quite popular in this City. Several gentlemen having  
made collections, and I expect while next season receive  
increased attention, with my pupils, and perhaps the students  
generally at the Wesleyan University.

Dr. DeKay was here this summer, I showed him some of my insect-  
collections to let Mr. Bailey know what he wants to complete his Collection -  
and had ~~so~~ Maga de Lante and ~~ours~~ by clean NY - such as  
are desired and ~~ours~~ to those -  
Dr. DeKay lent me 2 numbers of the Boston Journal of Natural  
Science History - which I shall return when I visit  
the City -

I thank you for the pleasing information your letter gave me  
respecting the growth of my Willows at Woburn abbey, as  
seen by our valuable friend Dr. Hooker. But that I should be  
honoured with a copy of the *Salicetum Woburnense* from the  
Duke of Bedford is what I never expected. I shall regard  
it as a great treasure. and its return shall try to enrich  
the Willow Garden of the Duke with more of our North American  
Willows. which I will send him this winter. But I  
have neither seen the Book, nor been notified of its arrival -  
I hope it will soon arrive from Dr. Hooker, and perhaps it will  
be dedicated to your care. I conjecture so because the Dr. is a

a letter I received from him sometime since. Said he had requested Mr Borrer as well as the Duke of Bedford to prepare sets of Willows for me, and they had consented -

So I imagine Dr Hooker will send them altogether, or the Salicetum book with the Specimens of Mr Borrer, and perhaps some things for yourself -

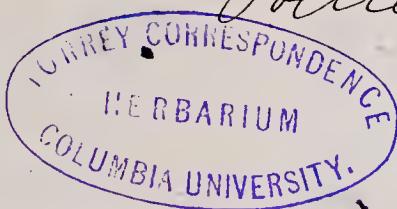
Will you however call at the Custom House or public stores to be certain this is not there already - this my letter will be sufficient to authorize you to take otherwise.

That is if you will do me this favour - If you find I may drop me a line by the next mail - don't hesitate about opening and taking a peep I shall be very thankful to look second or third hand -

I shall try to visit you ~~before~~ (if I can) before your course of lectures commences - though I may be detained longer. Present my best respects to Mrs Jones and my love to your daughters. and my regards to Dr Gray

To John Torrey MD

Dr H



Believe me Your Sincerely  
Joseph B. Barratt

Please to inform Mrs Jones I have for her several fine pieces of cloth brought by a Missionary from the South Sea Islands. It is the cloth made by the natives from the bark of the Breadfruit tree and the other mulberry tree Brassavola papyrifera -

If you should have occasion <sup>to write</sup> to Mrs Schweinitz, do enquire if she has a copy of her late husband's work on Fungi that appeared in the Philadelphia Bot. Transactions. I borrowed Mr Calley's copy - but if Mrs S has any fine copy I should be glad to purchase one. It would be highly useful to me -

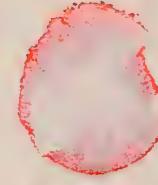
I do not however wish you to write  
on purpose in comparing Mr Schweinitz's work with this. I have detected a few  
errors in the references & and these are not notably <sup>but</sup> these marked in Mr Calley's copy

October 26<sup>th</sup>. I have been waiting for an opportunity of sending this by a  
private conveyance as I did not wish to burden you with double  
postage and shall have an opportunity of sending this afternoon  
by S. Rapsell Esq. of this City. This Gentleman did me the kindness  
to forward the box of Miltos of Cattleya this Spring - and falls in interest  
to do the Subsection Roburense. W. R. being a son of the  
Bedford or Rapsell family of England as I have been informed.

W. R. his kind boy offered to look up me at the Custom House  
to ascertain of any things was necessary for me but I informed  
him I had already written to my instructors to attend to  
this business for me. Yours & H. B.



Professor John Torrey M.D.  
25 Dugdell Street  
New York.



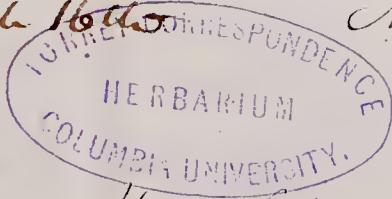
Rec'd. Jan'y 27th

Ans'd. March 16th

Middleton Jan'y 23<sup>rd</sup> 1836.

23

My Dear Friend



Your letter of the 20<sup>th</sup> came to hand at a late hour this day, so that I am uncertain of having sufficient time to reply by the mail of this afternoon. (4 pm).

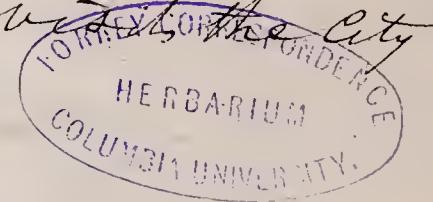
To your enquiry respecting the Ms lectures, I am sorry to have to tell you I know nothing about them, never having had them, or indeed any of your Ms lectures. I saw an notice a few days ago in the papers, that you were about to give 3 popular lectures! I hope however you will have time to find out to whom the chemical lectures spoken of were lect. and here permit me to advise you hereafter always to make an entry of Bkfst & Supper, so that in time of need, you will certainly know where to apply. I constantly do it, or should at times be much troubled in this way.

I did not forget your request about the Columbite, having called upon the person who prepared the specimens of it, which he had kept hoarded up. He was I found not very ready to part with it except at a high price! In consequence of this, I left the purchase unfinished, intending to write you more particularly about the matter.

If you, or your European friends want several pounds of the Columbite to experiment with, you could not have purer Specimens than these.

Since my return from New York, have not seen our friend Halsey, though I purpose <sup>soon</sup> to make him a visit. To see what he is about. I am however afraid I shall find him busy taking figures of my Insects, that were sent him a short time since. I shall try to give him a start if possible. On my return here the first thing I had to attend to, was to get ready all the Willow Cuttings, and plants with root. I had examined last Autumn while the leaves were upon them with the view of making the best of American Willows as complete as possible for Woburn abbey. I had promised the Duke of Bedford last Spring, to do all I could this winter. That is in sending such species I was not able to procure before this. I have happily executed, I was the more desirous to do it from his great liberality towards me in the Cpy of his magnificient "Salicetum Woburnense" &c. The Willows I have just been breaking off, were sent by the Packet St James Captain Lebor that sailed on the 20<sup>th</sup> inst to I trust they will arrive in good season (this is a short packet). I am highly gratified to learn Dr Grays Introduction to the Study of Botany, is going forward so well as to be ready in Spring. I shall take especial care to recommend it to my pupils, as I have already done. I tell you I believe something about my Clap's Botany at the College, there are indeed several very fine fellows yet remaining there

that are so zealous, as to meet once a week to make themselves better fitted for the Campaign in Spring. They consider it a very high treat to meet me and go over my Herbarium, accompanied with remarks and references to the different authors. in this way I can devote more time to them than I was able to do during the summer. They have already read up most of the Introductio and historical matter I have pointed out to them and they now begin to appreciate the value of the Natural System. There is a prospect of my having a good class in Botany in the Spring the first year I shall lead them along with the Linnean classification, and the 2d with the Natural System. It is my Conviction this will be the easiest and best course, Students want to know a good number of plants before they can be made to comprehend the Natural System. Our friend Horner says that the classification of Horner is the easiest and best quite. and has been tested a century! When an opportunity presents I shall forward a sketch to Mrs Toney - The Biographical Memoir I promised her, was copied some time ago. I trust she will be as much interested as I am with the account of William and Samuel Toney - If I do not send the articles intended for your Daughters Museum shortly, I may risk soon to have the great pleasure of presenting them in person. my intention being to ~~visit~~ <sup>return to the</sup> ~~the~~ <sup>the</sup> City soon after the river opens.



REY CORRESPONDENCE  
Dr. G. BARROWS  
COLUMBIAN

so kind as to notify me about the Herbarium papers he was to superintend in the Spring, tell him to order six reams for me. I should like to know at what time it will be ready for delivery.

The Revd Dr. Fiske has given an interesting account of the London university, and Kings College, and has in speaking of his attendance on a Lecture of Leidles spoke of your Letter of Introduction! This long Epistle of Dr. Fisks is read in Ms. and I know that it was sent to New York for publication in the New York Spectator.

I name this that you may if you desire apply for it. I don't know that the letter spoken of has yet appeared, but I think it most probable that it has made its

appearance by this time. If the said letter should be reprinted in one of our papers, I will send you this document. I have ~~just~~ been informed that another excellent Letter from the Dr. has just been received, dated at Paris, and has a good deal to say on the Infidel doctrines of the French, but I have not heard it read, so my information is only ~~hear~~ say.

This afternoon I have seen the owner of the Columbita and have agreed to give him \$4.50 for all he has. There is about 5 pounds of it, mostly in pieces and fragments. The Students at the College were exceedingly desirous to purchase this Columbita. There is among them several Crystals

but it is imposed to induce them to sell these  
owing to hindrance, I find I shall not be able to give  
you this letter, it being now too late for the mail. So I will  
try to finish it on Monday

Jan 25<sup>th</sup> Monday 2pm a fire broke out in the outskirts of this City on  
Saturday Evening. This is rather a rare occurrence, but since

the severe Colancy that befel New York you may suppose  
how soon every body was on the spot to render assistance -

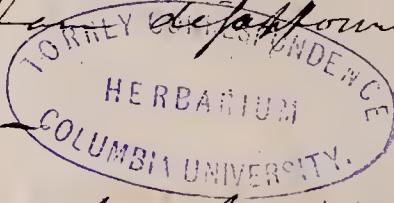
I got rather nervous on this subject while last in NY from the severe  
escape my Books had in the College - Last night we have had a wonderful  
hail storm which still continues. More than a foot of hail has fallen  
we had but little snow before - though I never saw such an icy winter. So far

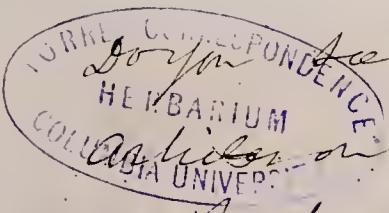
a few days ago I made out a list of Botanical Works greatly  
wanted for the use of the College Students, Dr Fisk who is at  
present in Italy will visit London in Spring, and then I expect will  
make the required purchases -

I shall be glad when from you in a few days at farthest, If  
you are in haste to have the Columbian, let me know

but as Mr. & Mrs. Ruppell 103 Prince St is here, I may have  
an opportunity to forward them. *Dr. J. R. de la Condamine*  
I will take the earliest chance I get

I sent a small box of Insects to Dr. Wilkins sometime since  
in return for what he kindly furnished to me - and shall  
have more for him - when I can bring them -





as the Penny by elated. I am highly satisfied with the  
Botany. Suppose they will by Lindley, the article  
on Bark is well done ask Dr Gray to read this, has he given  
sufficient attention to this matter in his forthcoming books?

In the same work there is a reference to the Article Botany,

never published, this ~~part~~ will be well written.

I don't - In the last Number (I have seen) there is  
a Biographical article on Sir Joseph Banks. that will  
afford several hints for a lecture on Botany when

Speaking of its advantages ~~and~~ in what manner the great collectors  
of this science have become known

Can you inform me if Baron von Ledner is now

in this Country and where? I have some thoughts of  
making a proposition to furnish shrubs and fine Willows  
if wanted for Vienna several years remunerated  
undertaken this for the Arch Duke John of Austria.

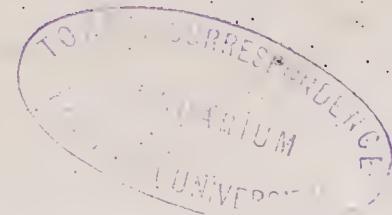
but I did not feel at the least disposed to do anything  
of the kind, I could now do it with more ease and  
would undertake it to a certain extent, provided he  
would furnish me with several rare Works I  
greatly ~~need~~ The Baron so far as I have been  
concerned in exchange is truly honorable

Present my best regards to your Children & to Mr Torrey

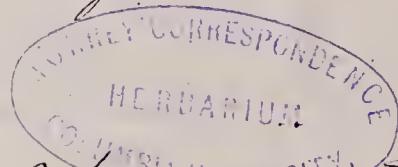
Very Sincerely Yours

Joseph Batt

J John Torrey MD  
Sc Lctn



I am ready to make a full report on the Salicetum work but while defer the till I see you the work is admirably done. I have made an appendix to it taking the Synonyms from the Standard Flora of Dr. J. Smith and collating this with Hooker's British Flora.



I have also drawn up "Notes and References" on the Salicetum work to the American Willows. This latter is intended for you. 31 of the American Willows are introduced in this work, but several are not figured in full there being one plate of which ~~the leaves~~ only is figured, but these are of high value.

At length I believe wrapped every thing relating to the *Salix Confervoides* and settled the Synonyms work from a long note in the monograph. but I will not trouble you with any more of my remarks today but you will I dare not laid my favorite studies aside though I make very slow progress through my Herbarium in winter. This in spring I am most averse to Botany and the charms of Nature —

I began some time ago to read White's <sup>not</sup> History of Selborne, but make slow headway. Cannot you find somebody who can do something of the same kind for this Country? There is a wide field open for anyone who holds a ready pen and paper of sufficient science and discrimination.

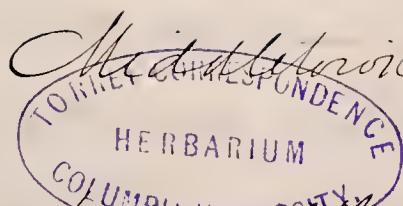
I did not occur till the 8th ult. (the end of the paper) that had written so much. I fear that will be taking your time and patience to read.

Single sheet

12/12  
Prof Dr John Stoney  
30 McDougal Street  
New York



Rec'd. March 26



26  
Middlesex County March 23<sup>rd</sup> 1836

My Dear Friend

Your ~~favor~~ of the 16<sup>th</sup> was duly received, it always gives me great satisfaction to hear from you, for your letters carry me forward with all the new discoveries that are making in our charming science of Botany, give me the earliest intelligence of what is doing in Europe, and at 30 McDougal Street, what ~~new~~ books have been newly issued from the press & in what scientific works have been added to your library, and new plants to your Herbarium, that has become so valuable to this country. <sup>to say nothing of the honour of being the founder and ~~president~~ ~~superior~~ of its</sup> Your letters so far are the best summary of what has been done for several years past, and contain a fund of information that never finds its way into the American Journal of Science, and we have never as yet been represented by a journal devoted to Botany, which I regret.

I was most agreeably surprised a few days since by taking a letter out of the post office, at the first glance I knew the hand writing to be that of the Duke of Bedford being a letter from him dated July 9<sup>th</sup>. The object of writing me, was to enquire if I had ever received the book "Salicetum Mbarunente" he had despatched to me then nearly nine months ago? You may suppose I did not fail immediately to give a handsome reply to my noble Correspondent.

I see by the paper that Capt. Sebor of the Ship St James had a passage of 17 days, so that I trust my last package has reached Woburn Abbey <sup>some</sup> ~~not~~ time since, the accompanying letters would put all things to rights there, so far as I am concerned.

I have since written a letter to his Grace dated Jan 16<sup>th</sup> and my last letter dated Mar 6<sup>th</sup>, and I shall soon have occasions to trouble him again having some further dried Specimens to send him of our Willows not having had time to complete the arrangement when I despatched the box in the month of January.

I am very glad to hear that you have a package of Specimens of Willows from W. Borrer, can you give me his address; since I am desirous to write him - Dr. Hooker stated to me sometime ago he would be glad to receive cuttings of Willows from me, and therefore it will afford me much pleasure to forward him all I can next winter. I have now a set of Willows ready for him. but I shall wait a short time before I send them, and may ~~send~~ forward them with a package of mine soon be ready for our excellent friend Dr. Hooker, be so kind as mention this to him in your next letter, lest mine should not reach him soon at the same time tell him he will soon have the proofs of my industry and labours -

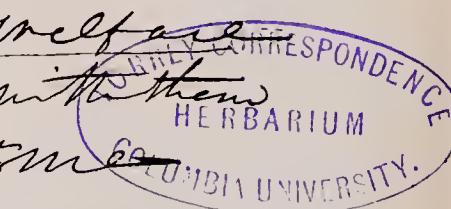
I am very desirous to visit you again, and shall therefore take a trip very soon. There much to say but must wait till I can have the pleasure of seeing you. Mrs. Forney and your daughters, be so kind as tell them I have by no means forgot the internal state in their studies and welfare my last visits, and further acquaintance with them rendered their society peculiarly interesting to me.

Present my kind respects to Mrs. Forney and your daughters

Yours very sincerely and with the  
highest regard yours

Joseph Barratt

To John Forney M.D. F.R.S.



Best kind as present my respects to Dr Gray and the  
Memphianey — You need not send the package from  
Mr Borer you spoke of till you hear from me again —  
I hope to bring it myself if I can possibly get  
away. as early as I intend.

I began this letter last night and ~~dated it this morning~~  
left a corner ~~to fill up~~ with several matters I  
was desirous to name to you, but I find I shall not  
have time. but will write you another day —  
It gives me much pleasure to enclose such  
available Biographical Memoir of your ancestors  
and one that you have much reason to be proud of —  
In presenting this to Mrs Torrey I had also intended  
thence written her freely and confidently on  
another topic but I seem to touch upon it now —  
and must therefore let it rest till I can have  
the high satisfaction of another visit and again  
partake of your hospitality and enjoy the pleasure  
of your scientific conversations —



Yours Dear Sir  
Very Truly  
I. Barratt.

~~John~~  
John John Torrey  
20 Nassau Street  
New York

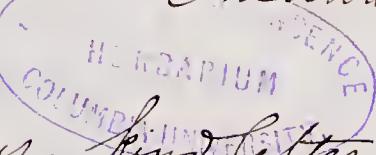


Wed. Sept 29th  
A.M. 28th

Middleton's Sept 23 1836. 27

My Dear Friend

Your kind letter of July 26<sup>th</sup> was duly received



and I had intended to have written you in reply and now wonder how so much time has elapsed without my so doing but I purposed visiting the City but have as of a bear prevaricated. I have been very hard at work this season and wants a few days recreation in the City and up the North River — I have dried many good plants and have a considerable number of Fresh ones if your Collection for Mirabil is not already completed you may have the picking out of these good sized bundles if you desire it. of which inform me — I have besides started the genus Solidago and have made and glued on new paper a very fine Sch. that will delight you not a little! It only wants collecting with the Herbarium if Sir J. Banks — Would you like to send it to London? I have a fine Duplicate set for you — and will any time loan you mine if you desire it. Last evening I received a letter dated Philadelphia from my friend the Revd Walter Colton of U.S. Navy informing me of having recommended me as a fit person to go out with the Expedition to the South Sea, as a Botanist, Mineralogist, Geologist &c and as possessing an extensive acquaintance with Natural History — The Secretary informed Mr C that "if I would like to go the thought he could find me situations in which my genius and aptitudes would be consulted."

"Mr C said the Secretary informed him he wanted a man as a general vocabulist he wants to calculate embracing concise descriptions extending through most of the strange things enumerated in the expeditions such as Marine plants, animals, shells, and all the wonders of the shores which are to be visited. If you wish for the situation only one thing will be necessary and that mainly for the sake of form you want a letter from some man like Prof Torrey to write to the Secretary speaking of your general attainments and qualifications for the situation. I mention Torrey because he is known to the Secretary. Write me to New York says Mr Colton and address to the care of Leavitt, Lord and Co. I shall be there in a few days as my time is short stay there will be short please write at once. If you wish to go there is no time to be lost in making the application to the Secretary I will make it for you if you wish. Many applications are made every day for the situations but the Secretary engaged to suspend the appointments till he should hear from me again."

From the foregoing it is apparent a letter from you will gain me this desirable appointment. I am personally acquainted with the commander of the expedition and several of the officers and shall satisfy I should be delighted with the voyage. So far you have ever friend yourself my best friend. If you deem me worthy of a letter to the Secretary of the Navy

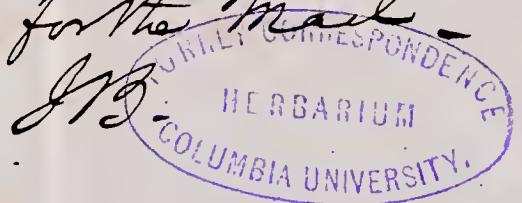
The Honble Mahlon Dickerson you will most probably secure this appointment. To Prof J R Torrey M D F R S  
New York

I am Dear Sir very faithfully  
Yours  
J. Barrett

In the event of you being absent, if Mr. Tosey should open this letter, he will confer a favor by forwarding it, or the substance of it, to the Dr. I purpose being in the City in 2 or 3 days at furthest (D.V.) and shall talk over the whole matter. I hope Mr. Tosey will fully concur with me in the steps I have so far taken.

Will Dr. Tosey please to add a note to the Rev. W. Cotton, Care of Rep. Smith & send or meet him if perfectly convenient and talk with him on the matters I have been writing about.

Shine much today, but am compelled to close this letter at once to be in time for the mail.



P.S. I have named in my letter this day to Mr. C. the attention Shine paid to Marine production and that I possess a fine collection of Marine algae. You were so kind as furnish me with many of the duplicates from Herbarium.

I wish you would write me immediately, if in the City, I will take the next boat and come and talk over the matters but do not fail to write at once to the Secretary -

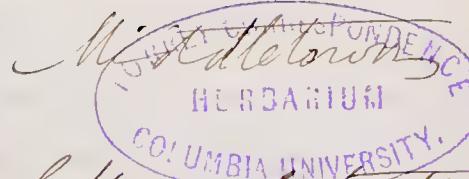
Prof. John Conroy M.D.  
30 McDougal Street  
New York

paid

11? Mr. T. L. New  
Water House

Rec'd Oct 17

and Dec. 3rd



October 13<sup>th</sup> 1836.

My Dear friend Your letters dated Sept 28<sup>th</sup> and of the 12<sup>th</sup> inst have been received a few days after the first I had an interview with Mr Colton at Hartford who was to write to the Secretary of the Navy this prevented me coming to you as I supposed, from my wish to see you and Mr Colton together.

In your kind letter of yesterday, I will at once reply, though I have nothing of importance to communicate, not having had any intelligence of my prospect from the Secretary of the Navy. A few days since I saw a letter from Mr Dickerson to an officer of the Navy, who resides here and who has since gone on to Washington to待 on his return (in a few days) I may be able to give you some particulars respecting matters there.

I feel as much surprised as yourself that a Planed should be named for the expedition that is totally unknown in the ranks of Science -

At the time of writing you, I had no knowledge that so much had been done by the Lyceum as regards the individuals named, and recommended by that body - for the expedition. Much less that Dr Gray was a candidate! I have several times been spoken to in the course of the summer to offer myself for the expedition but had declined all thoughts of it till of late. As your influence with the Lyceum will secure Dr Gray one of the appointments in Botany, I may, should circumstances brighten, through your recommendations, get another scientific appointment, perhaps nominally different to the one before spoken of, for I do not really know what is required of me in that capacity! If I cannot obtain another department to my rest so provided it promises a good post department which you please to call it -

• I should be sorry to tell you that I have lost much of my time in  
• on the subjects of plants used in the Arts & for Manufactures. I should be  
• still sorry to tell you that I have not yet made any  
• collection of plants used in the Arts & for Manufactures. I have  
• however made some drawings of plants used in  
• work, & am much pleased with them.

You might recommend me for my knowledge of  
Marine plants, Lichens and fungi, as well as the  
attention I have paid to the mosses and ferns - but say  
nothing of Forest trees and Willows -

or Mineralogy and Geology - or Entomology!  
for I am now by long experience an adept in the  
Collection and preservation of Insects -

If I go out as a Vocabulist & I shall not be the  
less active as a Botanist, unless this duty takes  
up too much of my time - It appears to me  
I can render the Botanist especial service  
even if not recognized in that Capacity. -

This may be cause when the corps may be divided  
and each will have to do the best he can  
however I go it will be very pleasant to have such  
a companion as our friend Gray is.

I have always had a strong desire to see the  
Islands in the Pacific, and have regretted that the  
Missouri's proposed Solitary Scientific -

This expedition if properly conducted will be the means of providing  
fine cabinets for the men of science in this Country.  
It is greatly to be wished that all the plants of the Pacific should  
be obtained. but many of these will be <sup>of the star</sup> ~~of the expedition~~  
require to be compared with the Herbarium of  
Sir Banks now in the Brit Museum. The number of  
species in this famous Collection, amounts to about  
Twenty five thousand! There are besides many  
valuable drawings.

Do you know any thing respecting  
the Scientific Work of the expedition? and who has had the  
ordering or drawing up of the lists of the works in  
Botany. This sure is an important consideration  
I presume however you have some knowledge of this  
business, if so do tell me, and if it will be

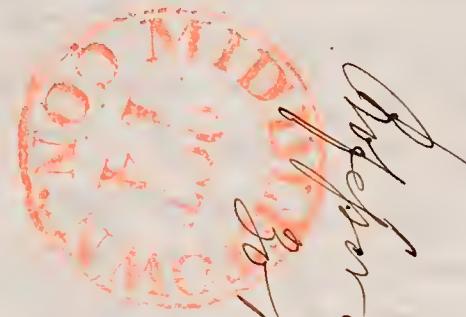


It was glad to learn you had discovered Scalpulae Drummondii Gigantea  
in N.Y. Some years since I conversed with Mr. Geddes  
about this fern, he told me he was with Pursh at the time  
he found it, and he exclaimed I am better pleased with  
finding this, <sup>plant</sup> than a five dollar bill! Mr. G. said it was new  
but not upon his premises - I gave him an English Specimen  
of the plant and desired him to look it up for me but have  
heard nothing more from him about it. Your locality is not the same  
I have now arranged the whole of my Solidagos and asters  
and have gleamed them on my new paper. Have you received  
your asters yet from London? - let me know, have you made  
any additions to your collection of these things this season?  
What is the state of Muhlenberg, Herbarium, Wm. C. These things -  
and what assistance should we derive in getting them  
by referring to that collection? of much could be done I would  
perhaps take my specimens and make a visit to Philadelphia  
as I had some thoughts of going there this fall. Never having  
as yet seen that city, on all my various travels -  
I purpose in a few days being in the city, I wish you <sup>would</sup> write  
me immediately, on the asters, and Solidagos, do you also  
want specimens of forest trees? I name there things to  
have trouble and desirous and <sup>also</sup> the trouble of bringing  
them for comparison. I have duplicates of most of them  
but my Herb Specimens are the finest and in which I have  
made my notes - Has the Herbarium of Eliot ever been collated  
by you. Brace has a few Specimens ~~not~~ of Solidago that  
he received from the late Mr. Eliot, and these I had for sometime  
in my possession - I want very much to say you and pass one  
or 2 days with you which will be quite convenient for me to say you in  
a few days - To Thos. M. D. & Co. the Best regards to Mr. & Mrs. Tracy. Joseph P. Abbott

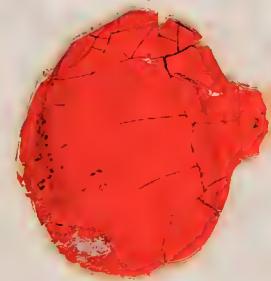
I think you will be highly gratified with a sight of my Solides  
as Specimen I never saw a set that was put up to my  
mind before. You may perhaps remember giving me one undetermined  
from "Torb King Krista. Liel Alder". This is S. Elata Part No 49  
Ell No 38-p 389<sup>g</sup> something novel I should forget and it  
may save you a little trouble. Has herbaria - S. Multiradiata and  
S. hemisphaerica from the white woods of New Hampshire <sup>Part 47</sup> or the Redded <sup>5</sup> there  
Part 48 (p. 543) some years since but lately never ventured to study  
them, <sup>and with much pleasure.</sup> <sup>and now</sup> done. Yours - J. B.



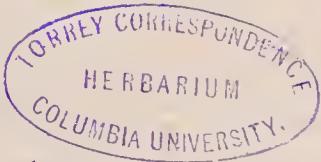
and now  
unfructuous  
Phen.



Professor John Torrey  
10 Madison Street  
New York



Ans. Dec 15<sup>th</sup>



Middletown Decr 1836.

29  
My Dear friend

You enquire of me in your letter of the 3<sup>d</sup> respecting Herbarium paper. I therefore send you a sample on which I have written. This paper was made some time ago to my order. It was with much urging I at length induced Mr Warren Colas to undertake the job. I was well satisfied with the material. indeed he made a better paper than I expected for \$6- though he tells me it was worth \$7-

Yesterday I visited the paper mill to induce Mr C to make 10 reams for the Lyceum. I found him reluctant to undertake its Manufacture. He will however when he receives your order, attend to it. Mr C is a fair dealing man, and will ask no more than its worth. and will do it rather to oblige than care for the job. It being somewhat more profitable to make thinner papers <sup>and</sup> the "firing" done by hand they find to be troublesome. He cannot however afford it for less than \$7.50- or perhaps \$8. and will make an excellent paper as he assures me.

My paper weighed over 50 lbs the ream.

I cannot send you a sample of what he proposes to make, but if you feel satisfied with the terms, and my recommendation as above written to him, and the business will be attended to at once. any delay will prevent its being made this winter.

I urged the importance of the firmness of the paper, and how desirable to have it white - He seemed to convince me how much the required "firing" gives the yellowish - To give the paper the greatest firmness he will use Canvap (or Sut Cloth) for the "Stock". Owing to the dimensions of the required sheet, Mr Colas said he could not make it (of that size) this objection I obviated by proposing it being made on half sheets of 24- by 18. Will this do equally well?

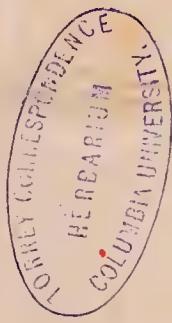
I presume it will - The dimensions named by you were 12 inches by 18. you must be fully aware that a sheet of this size, will require to be much thicker than your paper! indeed firmness of texture, and thickness are of more importance in this case than a shade of colour.

To Prof Dr Torrey MD

I shall write you again about ays  
on other matters

Yours truly J. Barnatt





Professor John Torrey M.D.  
30 McDougal Street  
New York



Single sheet

Recd Jan 13<sup>th</sup>  
and April 19<sup>th</sup> -

Middleton Jan 10<sup>th</sup> 1837.  
COLUMBIA UNIVERSITY LIBRARY  
30

My Dear Friend

Your Letter of Decr 15<sup>th</sup> was duly received when wrote you I had much to say but was constrained to defer it and now I am not prepared to give you more than 10 or 20 pages so we must talk these matters over when have the pleasure of again seeing you.

I write to day to ask you if Mr Casey received a letter from me and some packets of willows directed to this care? I was I believe on the 28<sup>th</sup> of Decr wrote him apprising him of what I was to forward. and the same things were sent by the Steam Boat via New Haven.

as I have not heard from Mr Casey I trust all is right. One box of fine plants and willow was for the Duke of Bedford. intended to be sent by Capt. Libbey. There was another directed to Sir W<sup>r</sup> J<sup>r</sup> Hooker. this was also of willow for Mr Bower (line that battery) as I did not know Mr Bowers address and as Sir W wrote me for them I sent them to him direct.

The third packed was for Mr Shepherd of The Liverpool Bot Garden

You have doubtless seen Mr Casey since the time wrote him, if therefore all is ~~right~~ you need take no further trouble about it, but if not and Mr. Casys 90 Pine where I directed these things have not received them, will you send some friend to look them up, before they are injured by detentions. I also took the liberty of desiring Mr Casey to present his bill of expenses to you for payment. There is your hand a trifling sum of \$4 80 - any sum I have remitted me several times of

I very much wish to pass a day or two with you, this  
when you have got through the study of your Chemistry  
so that then you can have no leisure to talk on Botany  
and look over Specimens. I meant to you that many  
duplicates with which I may be able to make some  
arrangements with you. This for such as are  
desired by you for the Herbarium and for Microscope  
The best may make as soon as the River opens  
and you are at leisure for me to visit New York  
and bring them with me.

By this time I suppose Dr. Gray has his orders  
and will be soon to take his departure for the South  
W. D. C.ickerson the Secretary of the Navy wrote me  
May 4th - to apprise me of having appointed  
Horatio E. Hale as Philologist to the expedition  
at the recommendation of John Pickering of  
Boston. If alights surely so was wanted  
I presume the appointment is a good one.  
as to my not receiving an appointment this will  
be no disappointment, though if I had, in due time  
had such a one offered as was suited to my taste  
I should have been ready to accept it. I believe!  
I found however strong objections raised here by  
my friend who I spoke of the bare possibility of  
taking such a voyage <sup>as a physician</sup> They consider me as  
being too useful here, to leave them! and they  
will rejoice that I <sup>have</sup> not been appointed  
and you well know that this was not who first  
proposed it or moved into the business. The expedition has my  
best wishes I hope there will be a strong scientific corps

Hope our friend Gray will meet with good success - I think him a very suitable person for the expedition.

Do you know whether the Botanical work was all procured & which articles furnished by you.

Do you think to name Miller's Garden's Dictionary

I was lately looking this huge work over and with

I found there was a great map of information

synonymies & relating herbarium plants with some

of which they will agree with. It is greatly

believe me if photo work that would be

useful to refer to and might be advantageus

in case where the full information is

required respecting their culture -

Has Mr. Torrey read the Rev. Walter Bolton's piece

on the close of the ~~last~~ Year, it appeared in

the last number of the New York Mirror

& will do present my respects and ask him

to give its perusal. If you can

the notice of the arrival of Egyptian antiquities

now exhibited in London? I have a son in Rober

The Morning Chronicle of Nov 2<sup>nd</sup> with many interesting

particulars! Is he still so on making discoveries

in that interesting Country, these things will

tend to strengthen our reliance in the word of God

and set at nought the cavils of infidels respecting

the ancient state of Egypt - These are also some

the discoveries in this County of high interest to the

Antiquarian -

To John Torrey M.D.

Very truly yours  
Joseph Barratt  
COLUMBIA UNIVERSITY LIBRARIES  
HELEN H. SPARRE  
S. C. B.



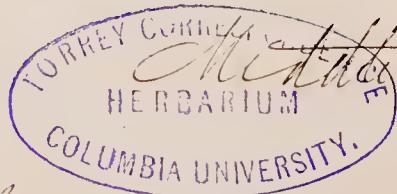
Mr  
John Tracy  
Mc Gregor  
30 McDougal Street  
New York

Bank

Rec'd. Jan'y. 12. A.D.

and

My Dear friend



31

At Edenton from L. Lang 3<sup>d</sup> Jan'y 3, 1838.

In the course of last year I received two letters from you one dated April 1<sup>st</sup> the other dated Aug 22<sup>d</sup>. Ever since the opening of Steam Navigation, that pursued visiting you. in the meantime every leisure moment was employed in revising and rearranging my Herbarium as well as gluing the Specimens on paper. I have now gone through and completed all the most difficult genera. There besides sorted and arranged my large stock of Duplicate for exchange - My progress in this business has been very slow owing to the constant interruptions of my Medical practice. During the past year my professional duties has pressed so hard upon me I was unable to do much writing, especially Correspondence - The past 12 months have perhaps worked harder than at any former period. I feel as if I cannot relinquish the pursuits and pleasures of Science, especially my favourite Botany. While my friends are but pressing me and me into practice. -

All the relaxation I get is avails to me once in one or two years! to see and profit by an exchange of Plants and enjoy a sight of your rare Books, and the rare things in your rich Herbariums -

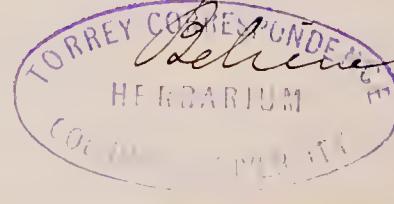
I had intended giving you a sketch of what I had done since I last saw you, but find I cannot now do it in the compass of a letter - Last evening I called on Dr. Fiske he informed me of your visit to Philadelphia & observed that you had expected to see me last fall in York -

When you have got through the Harry of your benevolent Lecture I will make an effort to spend one, or at most 2 days with you, provided this will be perfectly agreeable to you - in that case I will

bring along such parts of my Herbarium as I wish you to see  
and in which I have directed the most attention, viz  
my arranged Aster, & Solidagos - each of these tribes fill  
two thick folios. The specimens so far as they have been  
collected by myself, have been selected with the greatest care  
as a whole I do not think a finer set of these has ever been  
put on paper. and these specimens will I flatter myself  
aid much in drawing up a full account of these difficult tribes.  
I wish I could <sup>have</sup> my specimens compared with the Herbariums  
of Muhlenberg, Schneid., Ellist., Nuttall, Benth & Pursh.  
Moreover these are of great interest. With regard of  
bringing this about, I have on hand at least ten sets  
some may be able to do something.  
If your asters have been returned by Lindley I should like to  
get a sight of them. I took my specimens last  
year of large size and have a set at your command  
in which I preserved the whole plant of several of the  
Aster cut into 3 or 4 parts -

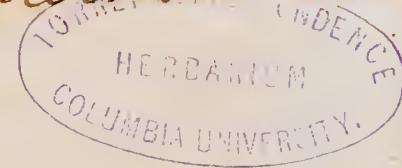
The asters interspersed with Solidagos are however  
numerous and appear to me to grow with greater perfection  
~~than~~ ~~than~~ more so than in any part of the U.S.  
These sets collected by my friends in several sections  
and these do not compare with ours -

Day 5 - I went this morning to call on the Revd Mr. Lyne lately  
returned from his tour in Europe he will be on his  
way to NY at noon so I will close this letter  
and send by him and finish what I was going to say  
to you another day Believe me Truly yours -  
J. Bartram  
To Prof. J. Torrey M.D. Dr.



Ree. Feb 7th 1835

Midleton Feb 25 1835



My Dear Friend

I have this day forwarded  
a package of dried plants for you -  
for this great kindness I am indebted  
to E. F. Johnson Esq; who has also  
another <sup>package</sup> for you that will be left  
in the care of Augustus Purdie Esq;  
103 Prince Street -

You will please to send for the  
parcel of plants to 103 Grand Street  
New York the residence of  
Mr Shaler

Yours affecly  
J. B. Smith



John Torrey M.D.  
30 Madison Street

New York

Recd. Mr. John  
and Mr. G.  
My Dear friend



Albionton Nov 3<sup>d</sup> 1838

It is now a long time since I had the pleasure of seeing you, I received your letter of October 25<sup>th</sup> and the paper & figure of the beautiful tree that is to Commemorate your name!! Thank you much for the precious paper

I am got ready intending to take the boat this day for my purpose visiting you next week if nothing unforeseen occurs. I hope to be at your house on Tuesday morning if I am delayed I shall try to come the following day. I much want to see Dr. Gray before he sails - There are several things I want to direct his attention to but this I can best do after I have seen you and ascertained how far your Herbarium and researches made in London and Paris can aid me first -

If we have suited me better to delay my visit to my two or three weeks later but as I am set away at this time I will just make a visit to your house for one day and try to make a second visit this fall when I have made further progress with my matters for though I have now sorted all my plants I shall not have time to make up any packages at this time either for you or to go to Europe

There are parts of my Herbarium I shall bring along with me especially the Asters - and some others I did intend to bring along my Solidago also I worth they could go to London and kept side by side with those of Banks & Humboldt's Herbarium. Perhaps I may bring them, and intend to carry them out with him unless he takes a Schaffers own!

I shall not trouble you to day with a long letter being to soon that I hope to see you and family -

My principle object in writing now is to apprise you that I have a letter from my Botanical friend and pupil Mr Buckley now in Alabama informing me that he sent on a Box of Plants the result of his explorations and exchanges this year. The Box he says was shipped at St Louis Mo to York via New Orleans. They were enclosed in a box directed to Dr Torrey, care of Carey & Co no 90 Pine Street N.Y.

For some remarks in the letter I suppose you also have a copy and may perhaps have been apprized by him of the same. If Mr Carey has information of this shipment, I hope <sup>Torrey</sup> ~~you~~ <sup>you</sup> ~~will~~ <sup>will</sup> be <sup>able</sup> to receive it when I am in the city <sup>and the Herbarium</sup> looking over the plants with you

To Dr Torrey -

Yours very truly  
Joseph Barratt



And. May 28 1839.



34

Middletown Feby 2<sup>d</sup> 1839.

My Dear friend

I enclose you a letter that has been written sometime ago, and also \$15 towards the flora and the number of the annuals of the Lyceum sent to you - will you do me the favor to attend to this matter for me at the Lyceum, as well as correct the statement about the charge. There have been no numbers taken out of the post office, nor any that have been there received by me for me.

I should have now sent the books back you kindly forwarded for my inspection but must beg to keep them a few days longer and then will either bring them myself or send them. You would do me a special service if you would send me a transcript of no 9 of Hooker's Flora of the Willow - or if this is too long the page & the species & references and the whole of the definition of the Great Ciriexa. I have improved upon this, and want to see Hanbury<sup>h</sup> has given it, not having <sup>her</sup> a correct copy of what Gentilini -

I have been hard at work on the Willow and now have a Ms and all in fine order and can bring some sets along with me to N.Y. as of my intention soon -

Have nearly completed an article fit for you flora if you want one and the notes on the species synognistic together with some title &c

This Letter will be forwarded by Mr Wolcott Huntington  
72 Beaver Street New York who will either deliver it himself  
or send it by a confidential person.

If it should be convenient to send a package to this  
Care as above I shall receive it by Mr J Watkinson  
who will call on Mr Huntington. It is offered and in  
2 or 3 days after Monday - by the way any package for  
me may always be forwarded to me for the present  
whereafter by leaving it at Bunkers Mansions  
House Brook Way where several of my friends  
from this City are often there, and will at all times  
cheerfully take charge of a small parcel for me.  
You were so kind as to name your copy of Hookers  
Book from 15<sup>th</sup> Edition can you send this -

I regret you did not send me your astes for  
comparison with my set are they gone to Europe?  
or are they going? I want to know because on this  
depends whether I bring mine along when I come  
and what about the other Silicado -

Again let me enquire if you can procure  
me Muhalberg Sat or is it likely to be reprinted  
are there any sets of D Gray's Gram & Cogt undistressed  
of? I am very desirous when you will  
you give me line in answer as soon as  
possible, or with the book I hope to receive from  
you

I have much to say but will write you again  
soon perhaps soon as I hear from you. If I cannot  
see you I will write to you

Present my best respects to Mr. Torrey and the Miss Torreys  
I want much to see these young ladies - They have  
given I presume a great deal since last saw  
them but have not I hope forgotten

Very truly yours friend

J. Berratt

J. Prof. J. Torrey No. 20. 82



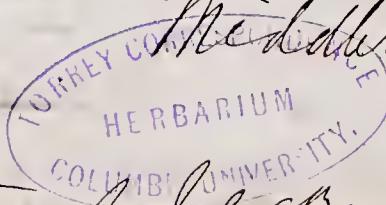
Professor of Oratory  
32 McDougal Street  
New York  
W. Huntington

Ans. Augt 22

Middletown from

Augt 16 1839 -

My Dear friend.



Your letter of July 8<sup>th</sup> was duly received and I then regretted you left the City before that time to request you to send those your asters, and the number of the Lyceum and Hookers Batt. Flora Ed 1<sup>st</sup> you kindly offered me. The package of plants was from my friend and pupil W W H Potts <sup>when</sup> with Prof Carpenter at Jackson Louisiana. This package contained a very choice collection of plants, that will add much to the value of my Herbarium. I will here thank you for the interesting facts you give me from time to time, and especially about our friend Dr Gray.

I heard of you being at Utica some time ago, where W K Redfield saw you. Supposing you loaded with plants, and about ready to return I was on the point of addressing you, when yours of Aug 13<sup>th</sup> reached me this evening. The Books you name shall be sent immediately.\*\* You ask what I am doing in Botany -

This Spring besides the willows, I examined all the species of this region and dried a choice collection of all, in paper 27 incha by 13 1/2 !

I have about 50 specimens each, and of the rarest things 10 or more! - as a whole I will match my set of duplicates <sup>comes</sup> against any thing you can show! I kept a copious journal of the flowering of the Carices, and the time of ripening or rather the maturity of the fruits. when most fit for Specimens Besides notes &c and also a calendar and notes of the flowering and ripening of fruits etc. The Lat of Middletown is 41° 33' 8" N.

Long 72° 30' 33" W. These data will serve to correct many errors in the books and there are very many!

Having occasion to ride much about I constantly take my carriage and my portfolio and collect through the seasons a great number of fine and rare plants. - and have the present season enriched my collection by many rare and valuable specimens. besides completing sets of Oaks, Maples, Carices, & Lilium Populus &c

I have fine sets of Asters, Solidago, Monanthos Eupatorium.

Peppermint Larches <sup>berries</sup> - ~~and~~ many of the Composita - of any or all these, I could ~~not~~ <sup>will</sup> if you give me ~~any~~ <sup>the</sup> equivalent. I send more month in my file, furnish sets for your State Botany & I believe those on hand about thirty thousand duplicates in all! The sets of willows Asters Monanthos

etc you may depend upon. Those are all sorted, and can

soon be made ready if wanted.

\*\* There are several Gentlemen from New York and I will send the parcel to one of them

have paid a good deal of attention to the forest trees, and have examined the Maples, and ~~have~~ made a noble suit of Specimens. I find ~~had~~ *Acer Negrum!* besides others - ~~I believe~~ I named to you. I have for some time been at work on a Catalogue of the plants of this region, and while collecting thought I might as well gather herbarium sets, with a view of sending ~~them~~ <sup>them</sup> to Europe, unless I can ~~do~~ <sup>offer</sup> you by disposing of the superfluous to you, - on this ~~I will do you~~ <sup>I will do you</sup>. Our region is so convenient for collecting, I may perhaps be induced to make some further collections this fall among the asters, and Solidagos of which I may have <sup>on hand</sup> about 20 Specimens of most of the species occurring here. - Write me immediately and tell me what you most need, and when you want the specimens. Perhaps among your rare things from the West of N.Y. &c. You can give me some Specimens for my surplus Specimens of Herbarium. I think when you see my arranged Herbarium you will like it. I insert in it, not only the flowers, but where it is not too bulky, I also give the type sedges & limestone in black ~~General~~ <sup>Black</sup> ~~Black~~ and my sets of oaks are well arranged, with glue applied to the acorns and these so disposed as to fit well in a folder - I never title this seasons <sup>preserved</sup> Specimens with so much ease and satisfaction to myself, owing to the excellency of a new kind of ~~fixed~~ paper.

Some time ago you wrote me about Herbarium paper, and I have received a letter from Prof. Carpenter and another <sup>from</sup> Mr. Fother ~~Mr. Fother~~ They want <sup>ONE HUNDRED</sup> ~~ONE HUNDRED~~ COLUMBIA between three 10 reams - also want some for myself. Through the kindness and attention of Mr. J. F. Wells of Windsor Locks, Connecticut (a paper maker) who visits me occasionally. He has entered into an arrangement with a mill in his vicinity <sup>He</sup> will make such an article as I want. I sent samples of my paper, and yours - made a trial - I can get an excellent paper for \$7 the ream, 22 in by 30. to weigh 20 pounds - They would like not to make less than 40 reams; but to oblige me and you (who I notice) I will perhaps undertake to make 20 reams. - Do you want any of the 12 reams, or Mr. Cary if so send me the order - that I will send to myself to visit the Paper maker and arrange the business.

Shall you not also want paper for your State Library? if so  
why not employ this Printer. The forenamed is a very respectable  
one W. H. Hollister of Hartford is agent. If they  
should execute this order as I trust they will, I shall try  
to induce them to manufacture a few teams and have  
any agent in the City of New York. if you will give  
it your countenance. - write me respecting this  
matter by return post. - so soon as you can give  
an order (I have not heard that you are supplied  
in the City with this article, if it should be so, do  
let me know before I proceed further with the business -  
Whales The paper maker has not yet resumed his working  
or I should get the paper made in ~~midst~~ <sup>midst</sup> of the day as before -  
The paper cannot I conceive be afforded of such quality as  
I require, for less than \$7- or perhaps they have it made  
a little extra on this. What make the best arrangement I can  
effect. -

I have much to say but will write you another day. —  
Having been much occupied with numerous patients and  
an increasing demand for my services I find it very difficult to  
leave town for a single day. In the fall I am less pressed, and then  
I sometimes leave for a few days — I may not be able to see  
you in the city before October, when I shall certainly make an  
effort & before if I can get away —

You were so kind as to offer me the loan of your astes!!  
if they were sent I would not keep them more than one or  
at most 2 weeks, and would promptly repay the borrowed  
Specimens - Should you object to box them up and send them  
by the Hartford Steam Boat!! also the numbers of the animals  
of the New York Lyceum I wrote you about, and forwarded the  
money - (they were never sent for I never received, as I never try to -  
Send to Paris for some Botanical work, such as described. Dr. Michaux has  
the ~~they have~~ arrived. - I am also expecting in a few days two  
titles of pl. pl. - I have at last the last of Mabberley's  
Have you any Spare Pamphlets and one of Brown's etc. that I should  
like for a friend? -

To Prof. J. Forney.

Yours truly Joseph Bassett

Should be happy to  
procure specimens of the  
following plants  
Spiraea <sup>inflata</sup>  
Salicornia <sup>acutifolia</sup>  
Succisa <sup>spicata</sup>  
Stipa <sup>hirsuta</sup>  
Virginia  
Alstroemeria <sup>var. aurea</sup>

## Answers to the following

Part No. 27 - *Neuroptera*

Leersia orientalis  
Simea mucronata

box Elliott 2

Daphne's Gymnasium  
I have written to Buckley  
to look carefully for this  
and send him a copy  
in the Howard for Gray  
posting it —

Atmosphere and one child  
do you find this? I - honest  
only infant - larger let me  
have a flower my Specimen

I should be glad to  
make exchanges in  
any well-kept albust  
the names you can  
give breakfast and  
alst what have  
Buckley has done nobly this  
season in collecting but mid  
late you all about in my host.

Professor of Anatomy M.D.  
3 McDougal Street  
New York.

You enquired about collections of Insects. I have a great number, and am  
gradually increasing them. Some years since I prepared a collection for the  
late Mr W J Hooker. Regret that my other duties have compelled me to defer  
the arrangement of them. Will as early as possible send what I designed  
to this young Gentleman. I shall besides have many to send what  
Dr Greville is it? ~~Do you mean Dr Greville of Edinburgh? If so, I will~~  
send him some of mine. tell me more about the young naturalist  
and I wish you would name to him the treasures the Insects have not  
been already sent as promised. But things should be done promptly  
but you know how independently one like myself with no assistant has to work  
to complete collections and herbariums -

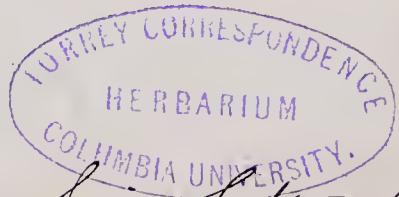
Recd Augt. 26<sup>th</sup>

36

Middletown Count

Aug 21<sup>st</sup> 1839.

My Dear Friend



Your kind letter of the 13<sup>th</sup> was duly received and answered. I hope I shall hear from you immediately, and if it is quite convenient be favoured with a sight of your Asters! We regret my inability to visit the city of New York at this time - or I would not think of giving you so much trouble -

The Books you so kindly loaned me are now forwarded by the postman of Mr J Southwicks. If the parcel is not left at your house, I must trouble <sup>you</sup> to enquire for it at Dr R Phillips 263 Broadway where I directed Mr S to leave it if he did not find it convenient to call in person.

I have a great deal to say but shall wait a few days till I hear from you about the Herbarium paper &c and also about the Specimens named in my last letter.

In haste very truly

Yours

J. B. Barratt

J. B. F. Turney M.D. &c



over

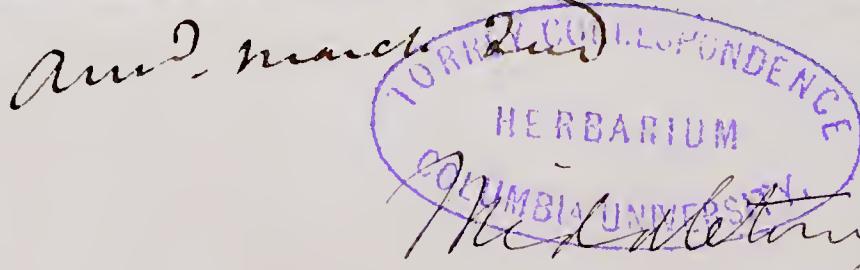
I believe you <sup>will</sup> find that the best care has been  
taken of the Books - For the great favour you did  
me in sending these Books accepting my best thanks  
for the present. I suppose by this time you  
have another number from Mr W. Hawkes  
Hope before long to possess this fine work!

The few minutes I have had to spare the last 2 days  
have been occupied in looking against something  
in the Hand Books. If I had the whole of  
the numbers before me I should be tempted  
- write a notice of the work, and then go on  
and write another on the Hand Toney & Gray  
and then the amount of research and  
labour required to produce such a work  
as you are engaged upon



Mr. [unclear] will send this parcel at no charge. I have  
therefore directed him to put this letter in the  
post office - which will surely surprise you where  
the Books may be found -

[Handwritten note: "No. 12. Part of the Gray & T., 1851, in  
Trunk No. 12."]



31

Count

July 3<sup>d</sup> 1840

My Dear friend

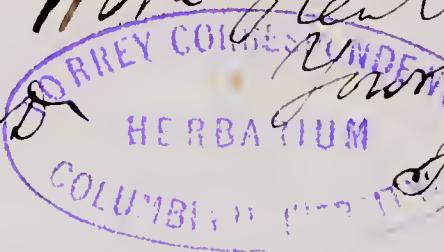
a letter from W. S. B. Buckley

apprizes me of the shipment of his plants to you care by the James Baring - Learn by the paper the traps has arrived in New York - There is a

package for me, and also for the Wesleyan University -

Prof Smith has politely offered to take charge of these things for myself, The plants I wish to have put in a box for safe carriage at this season of the year, owing to the difficulty of transportation - will either you or Prof Smith do to this -

With great respect  
To Prof Torrey No 100  
J. Barratt





15 Red Aug 24  
and

Aug. 25

My Dear friend.

Middletown form

Aug 15 1840

LIBRARY  
NEW YORK  
BOTANICAL  
GARDEN.

Your letters of June 30<sup>th</sup>, and August 4<sup>th</sup> were duly received, when your <sup>1<sup>st</sup> letter reached me, I had determined to visit New York, and was in hopes of taking charge in person of the package of plants (F. D. Carpenter) there in your preparation. It was rather my regret (June 30<sup>th</sup>) that you had already had prepared them as I had prepared a list of the specimens of plants I had laid aside for you, and were ready for boxing when I should hear from you.</sup>

My time of late has been so constantly occupied with practice I found it impossible to leave for the present.

June 18<sup>th</sup> I visited the Sea Coast of Guilford, and collected there a large number of fine specimens, and hope to make another excursion soon, to collect the Compositae especially Aster, Solidago, Eupatorium &c. &c.

Gathered abundance of fine Specimens of Hordeum, Jubatum! Melilotus officinalis, Pisum Maritimum Linn. &c. The Nasturtium Sylvestre Burm. is very abundant at Guilford! & I gathered a large stock of specimens. You have not noticed any locality, save Phil. on the authority of Mitchell. Do you require any good specimens of this last named or any of the others? If so, they are at your command. Having a good number on hand.

Aug 21<sup>st</sup> I have been so occupied employed since I began this letter

I was unable to proceed - I will attempt today to finish it. if possible - ~~in~~ <sup>the</sup> ~~list~~ <sup>side</sup> of Specimens, (on the next ~~side~~) I have in readiness for you - I will make out a list of my Guilford Duplicates, that you may <sup>see</sup> what I have. —

Gathered there also a large Yellow Thistle, that I have not yet determined, it grows in the meadows, by the sea Coast and also Nicaea Cracca Lisa.

Cannot you box up and send me all your Willows from different parts of the Union you speak of, I can soon, I hope look them over, and report upon them - There is one Willow, Salix pedicillaris Pers. that you showed me a specimen from one of his friends (Dr. Gray I think) but am not certain, then you will require several specimens unless they are already secured with you attend within in season, and without delay — do you find this on the Catskill Mts. —

I have drawn up a table of the Genus of Mistletoes on a new  
plan that will be kept in service to the Botanist, Collector,  
and I shall soon print the same (privately for my friends) - I will send  
you several copies, and you might be aware you have got for your  
State flora since the time of Glancy & Gray is very imperfectly given in Banks  
that has gathered along Number of Specimens of all the various  
Cries especially *C. Squarrosa* with 3, 4, & 5 Spikes -  
Can I trouble you to copy the entire ~~Specimens~~ <sup>Specimens</sup> article and all the  
References <sup>of</sup> ~~of~~ <sup>to</sup> *Carex Squarrosa* from Kenth. (I have not the <sup>work</sup> ~~work~~ title  
which please to give and date). - The last D Number of Banks  
for Boston have not been. - If there is any thing about *C. Squarrosa* <sup>that is new</sup>  
I should like the entire article <sup>also</sup> ~~reference~~ to be copied for me.  
If there is a duplicate with you. <sup>of Keng's work on the grasses</sup> I could I ask the loan of  
it for 14 days at farthest or even one week. I will  
then forward it by express. I shall soon <sup>thereby</sup> purchase the  
work. I wish to write a review of it, but yourself  
or you will do the best, still I might say something  
of the work in connection with your labours more than I have  
already said in an article in the N. Eng. Review, some  
time ago. - I was highly interested with the article of Gray in  
the last no of Linnæus Journ. - It by Dr Gray because I knew of no  
other individual who could have furnished the facts. <sup>therein</sup> Gray  
was also obliged to Dr G. for the pamphlet he sent me. on a subject  
I have looked into with much interest - I was about writing to Dr G.  
when your last letter <sup>any 4<sup>th</sup></sup> came to hand. The pressure of business will  
oblige me deferring for a short time a number of rare  
Specimens intended for your joint inspection -

The last tribe I have been at work upon is the Genus  
*Verbena* have been delighted <sup>to find</sup> some novel forms, and  
several species. Not had expected my notice till the  
last 2 seasons, I have now a fine suite of Specimens  
for Europe. You would do well to call upon me before  
you print up *Verbena*, my notes will be of use.  
I have besides examined the Mature leaves of the Walnuts  
and greatly improved my Herbarium this season. My large  
stock of duplicates is still on the increase! This fall and  
coming winter I hope to make a final distribution of these things  
that <sup>have</sup> cost me much labour to collect -

To Prof Torrey A.D.C.

With great regard very truly  
George J. Bartram

List of plants land obtained Ready for Dr. Jones - only  
arranged Decr 1839 - by A. B. Woods.

✓ *Panicum agrestis*  
✓ *Cenchrus echinatus*  
✓ *Conus paniculata*  
✓ *Ischaemum Portmanni*  
✓ *Gentian Supinaria*  
+ *Cicuta bulbifera*  
✓ *Zizani avena*  
✓ *Couvolv Sepium?*  
✓ *Nitella senecta*  
✓ *Leontice Thalictroides*  
✓ *Rhamnus Cattartea* <sup>1/4 to 5 in flower</sup>  
✓ *Pontederia angustifolia* <sup>1/4 to 5 in flower</sup>  
✓ *Helonias divisa*  
✓ *Chenopodium botrys* 2 in 3.  
✓ *Acer nigrum* fine in fruit  
✓ *Acer Saccharinum*  
✓ *Stellaria longifolia*  
✓ *Saururus Benzoni* in flower & fruit  
✓ *Capsia Chamastra*  
✓ *Prunus Maritima* Wangh  
✓ *Gum Styrax* in flower and fruit -

In your list of June 30<sup>th</sup> you name several <sup>plants</sup> and say nothing of  
the former list <sup>made</sup> - Of these I have the following that I lack  
certain <sup>of species</sup> without reference to my specimens at this time

✓ *Ortegas* several species and  
many specimens (good)

*Thlaspi*.

*Gentian* *menziesii*  
a few.

*Habenaria*

*Liparis*

*Eriocaulon* *tilucium* a few

*Orobanche aquatica?*

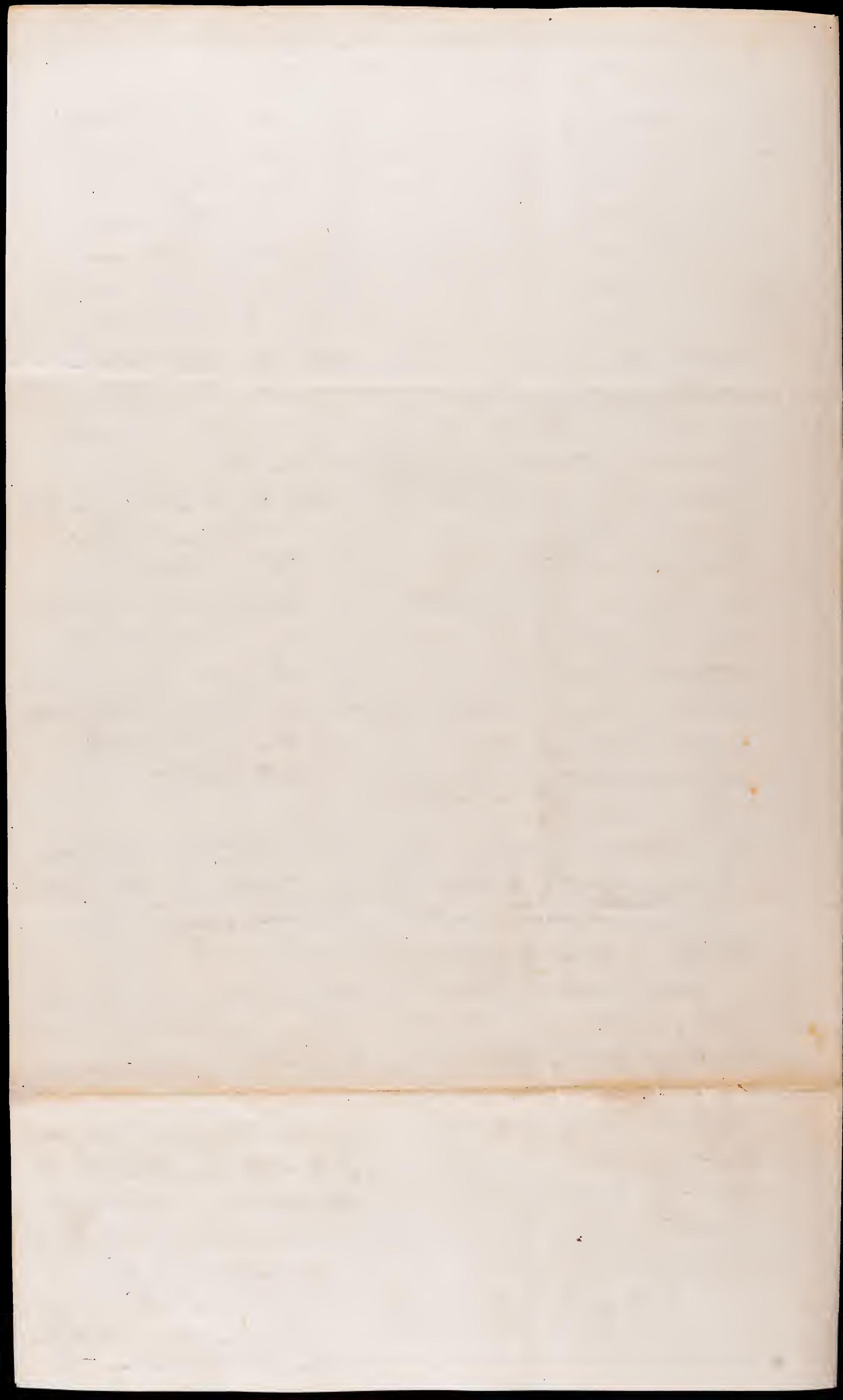
✓ *Lycopodium pulvinatum*  
fine in fruit &  
without abundance  
of specimens -

✓ *Clematis verticillata*  
✓ *Nymphaea Kalmaniana?*  
✓ *Euchroma Coccinea*  
✓ *Datura stramonium*  
✓ *Nasturtium officinale*  
✓ *Melilotus alba* 14 sets  
of flowers abundant!  
✓ *Desmodium Staudiglini*  
— *Cupido*  
✓ *Convolvulus*  
✓ *Lespedeza* —  
✓ *Salix* (8 sets complete)  
✓ *Var* <sup>to</sup> *near*  
✓ *Pop* set of  
✓ *Habenaria* not yet  
arranged —

✓ *Solidago* *virginia* abundant  
and a large number of these  
are arranged yet this  
is not apart -

These are besides many other  
I may have one or more others  
and will be apprise you -

If you have supplied yourself  
fully with any of the above  
let me know what you  
don't want as they will  
be useful things  
Correspondents I mean say  
the above names that you  
may not require -



Re'day 24

and 25 -

My Dear friend.

Middleton farm

38

Aug 21<sup>st</sup> 1820

Far more than ever a desire to visit you again on the score of friendship, as well as for the pleasure of a Scientific Conference. I began some days <sup>ago</sup> to answer your letter, but found I had so much to say, when my sheet was filled nothing less than a second sheet would answer for the present occasion - In the first place give my best respects to your Daughters and say to them that Dr B. has not forgotten the <sup>small</sup> ~~great~~ - when I made an arrangement of my <sup>great</sup> time time ago, I sorted some ~~for them~~ - and shall before long make additions to those already set aside. & Herewith my best regards to my young friend the Misses Joney -

You spoke of the death of Mr. Hooker son. Conforted me if this is the one I was to forward ~~in~~ to wish to know before I write Sir W. Hooker, and take any further steps

relative to the Division of my N. American Insets -

I am now also collector ~~that~~ fits more than 40 boxes! This my intention to send sets for Sir W. Hooker, and <sup>one</sup> for

The Memoir on the Botanical services of the Duke of Bedford. I have not seen this and be delighted to read it provided

You send it me - I will soon return it -

I now return you with thanks the 2 last numbers of Dr. Short's Catalogue having received those lately from the author with a promise of a full set of his rare plants ~~that~~ during the winter - Dr. S. is now at Louisville! at the present

Mr Buckley wrote me from Allenton Alabama Aug 3<sup>d</sup> - stating his intention to start on the following Thursday to Botanize on the Mountains of N Carolina and Tennessee. He would be absent on this excursion 6 weeks, and will endeavor to make the most of the time. Having as he informs me a circuit of six weeks

a day. I can go from this place to the 3. West part of N Carolina in little better than one week, then spend a week among the mountains, then visit Tenn. and spend a week there among the mts. with the Muscle Shoals of Tenn. rivers and the Northern part of Mississippi and Tuscumbia, and return (home) via Columbus, Mississippi and Tuscaloosa. Most of my route will be a region little known to the Belgique and modified will be through a new country. <sup>ALICE CORNELL PINEY</sup> ~~from which~~ The Indians have lately been removed. <sup>HERBARIUM</sup> ~~so~~ I do not think there is a resident Botanist in Tennessee.

You will like myself to be delighted to find our young friend has resolved to make an exploration among the mts of N. Carolina or — I shall be glad when I can find him <sup>so</sup> ~~that~~ he has returned safely — Mr B. is now become <sup>so</sup> well acquainted with our plants, his eye will at once detect all the rare plants on his route, and he will be able to collect many specimens of each for his friends!

I hope I have now nearly done collecting plants for the completion of my Herbarium and for the exchange with my friend. A few days since I went some miles distance to collect a large supply of rare Eupatorium of which I want 50 species. My sets of Eupatorium are magnificent. I have given sets of Calamus and dug the entire plant, in 3, 4, 5 or even 6 parts, of the largest species. <sup>This is the</sup> ~~This is the~~ of the forest trees and Walnuts. You also made a noble collection — and have reexamined the Walnuts this season, and taken a set of the mature or adult leaves for my Herbarium, and have a few duplicate sets. Your purpose sending to Europe hows your Herbarium on the Walnuts. The plates of Michaux however beautiful do not exhibit the leaves in every instance of the full size. if my recollection serves me

while I think of it, <sup>let me</sup> remind you that there is growing in Mountain  
Swamps in the Highlands of N.Y. The *Populus heterophylla*. Miss  
Purp. p. 619 no 9. I have no duplicates of this - ~~despatched this~~  
I send you ~~you~~ search ~~infruct~~ which I regret -  
I have engaged one of my former pupils and a good Botanist  
to collect all the *Poplars* for me in Vermont and about  
Lake Champlain - I showed him ~~about~~ a few days ago  
my arranged set, and told him how to go to work  
There are besides a number of rare plants in Vermont  
I wish to procure and I hope he will be able to find  
them for me. ~~He will soon send me a set of the plants he has collected~~  
<sup>Government</sup>

I named to you my table of the *Caricis*. And I hope  
soon to send it printed to you but first I want to send Books  
articles on the *Caricis* in Hooker. Will you kindly loan me  
your copy for a few days. I will so ~~as~~ <sup>return</sup> it to you  
as soon as I have ~~as~~ <sup>can</sup> get it. I want to see the specific characters  
and references entire of the *Caricis* *Spurrosa* from  
Kunth. I have amended the description and  
will to compare it with Kuntze's first. *C. Spurrosa*  
and *C. Stenolepis* should be put together being  
near relatives - The New York Specimens of *C. Spurrosa*  
I send you from the Highlands differ from my Specimens  
gathered here - nowhere are they <sup>more</sup> cylindric  
those in New York ~~globular~~. The three spiky form  
is so abundant I can find acres of it and it would  
be rather difficult anywhere to find the single spiky  
form - which is here perfectly distinct - \*

Of all these I have abundant Specimens and some  
laid aside for you and Dr. G. I sent sets to London.

There has also been a new fact on the *Caricis* that makes  
me desire to see the paper of Dr. Booth -

\* The single spiky *C. Spurrosa* also keeps ~~dis~~ <sup>in</sup> touch with us. Did Dr. Gray  
see the Linnean Specimen -? Had any 2 spikes? or more

has surprised this season to find the Black and Sugar Maple did not exhibit a single flower or Carpel. I desired a friend travelling to Vermont to inform if he found the same to be the case in his journey on his return said he could not find a sugar Maple with fruits. on his journey to Vermont and return - at my request this Gentleman collected some fine species of Acer. Specimens in fruits &c - Last year was the bearing year with the Sugar Maple, in this vicinity of Vermont - None you find any attention to this fact in the State

of New York -

Dr. J. A. Porter visited me a short time ago, on his return from N. Haven. This is the first time I have seen Dr. P. He spoke highly of the attention he received from Prof. Tilden and others and further expressed his high regards for many acts of attention he found Dr. Torrey. His appearance is any thing but commanding. I give him some rare plants found him rather rusty in herbarium. but desire him to send me his C. Nova angliae - which he did. This was one of the rare Curios I did not publish - Specimen of. I believe I have the last Spring from the same in this region.

I much desire to see what Dr. Booth has said and named C. Veracaria or - Dewey is still nibbling on with Cariis in Silliman and does not agree with Dr. Gray on C. foliolata. - I have specimens from Maine and others in different stages that will look over carefully one of these days - I have gathered C. foliolata in from 6 inches to 30 feet high in Middleton -

I have preserved some fine specimens of 2 maps subspecies that are not preserved in your Herbarium You shall see them in due time. Having watched the trees several years I have now authentic specimens in all stages with Gray's notes -

It was in hope I should have had time to have forwarded some species for your examination but this must be deferred till another opportunity. Pray where shall I send any parcel for you to be left with the most convenient part of the city - If any packages come are without send to you by sending them at once by a porter or Carman to the Hartford Steam Boat. You will do me an especial favour and I shall most punctually pay charges. I don't desire you to incur any expense on my business. ~~Mr. Barnard will~~ take charge of my parcels if not to send them by the Hartford Boat as early as possible. I am desirous to see the plants from Dr. C. Parker he has written me about - Yours truly

To Prof. Torrey - and Dr. Gray -

Joseph D. Benthall

UNIVERSITY.



Middlebury, Vt. October 12 1840.

My Dear friend.

Had the pleasure of a letter from you on the 25<sup>th</sup> of August, and the 20<sup>th</sup> of October, & the Memoirs -  
had now examined them fully, and shall at the earliest moment send  
you or (bring them myself perhaps) in a few days or very soon  
with the rest of the plants I have for you. I have been very busy with  
specimens more so than I ever expected, and have yet a pile that require  
looking after. I pass down on the sea boat lately, and found abundance  
of things but nothing of particular interest to you, perhaps - I gathered  
many Grapes, 3 species of *Pratinia* - I don't see these in your  
state cat. but I may have overlooked them!

I gathered some noble specimens of *Solidago leucantha*, they  
find time to dry - This is a collection with the plants I  
gathered this spring, will enhance the value of my stock of specimens  
I was most pleased to find again on the sea boat the  
*Panicum amarum* Ell. I believe I am the only  
individual who has found it in the North. It is however rare  
gathered a good supply of specimens. You once asked me for it  
and now you may know where to apply but I shall send  
or bring you a supply of it with many other things -

One of my friends here is going to Florida again, his  
residence Apalachee. he brought me some plants there  
I showed him the plate of the tree to the *Torreya taxifolia*  
with the real nut &c. and have desired him to collect me  
a large number of specimens, which I don't yet know  
do if he can find it. I wrote him directing how to proceed.  
Within a few days I found 4 specimens of *Battrychium*  
fumariifolium which is rather rare with us. and indeed  
every where as far as I know - these *Battrychiums* are very  
common plants, you never find much ~~of~~ *B. Dipetrum* and  
the more plentiful but now very rare here. Found this fall  
but a single plant! The *Dyaphorium Claratium* *B. monostachys*  
find abundant at one place and *Thysanocarpus*  
~~Palauan~~ at another - the one I picked is *Dyaphorium* you have no  
in your state to take down with this? You must have this in  
the state of New York

was surprised to find, <sup>this year at Medford</sup> abundance of a very singular fern like osmanthus, spectabilis but the fruit is not terminal like it, but interrupted and mostly on the margins of the pinnae similar to Lygodium scandens. Is this a curious thing have you seen it in this state? Noticed it this season for the first time here growing in 2 meadows in abundance, and I secured about 50 specimens (very fine) - We found the same thing in the highlands of New York. Shall you require this for your state collection of so let me know and you shall have it and the Lygodium monostichum also if wanted and as I suppose you most likely to have an opportunity to settle my orchids after the Arkansas - whether this -

I feel greatly concerned for Buckley's safety he some 2 months ago started for the Mts of Carolina & Tenn and promised to write me on the way, but nothing has come to hand. My fears increase daily but he <sup>has</sup> ~~had~~ taken day <sup>farther</sup> with fever - If you have heard in the meantime, you will do me a service favor to letting me know as early as possible. My only hope ~~is~~ is that he may have had his time I <sup>fully</sup> occupied with his collections he can find <sup>time</sup> for letter writing and in this respect is he much like myself -

Did I ever tell you the specimens I collected in the Highlands of New York of a Trillium, that is not as far as I know <sup>described</sup> described. It is evidently related to *T. pictum*, and has ~~as~~ narrow petals. I have named it *T. pictum var. ligulatum*. Once you met with this I found it growing near the iron mines of Phillips, in company with *Thelypteris* *rostrata* & *Th. ciliata*. Once you met with this I found it growing near the iron mines of Phillips, in company with *Thelypteris* *rostrata* & *Th. ciliata*. This Trillium is very different from what I have seen elsewhere - I will make a drawing of it as I have no duplicate until you <sup>the</sup> specimen provided you with it do it. May I ask you to secure me the first specimen of *Cyperus* *arietinum* that comes in your way. I greatly wish for this plant <sup>as</sup> for a purpose other than my pupils to draw their attention to it - I used to have it in Germany with other rare plants -

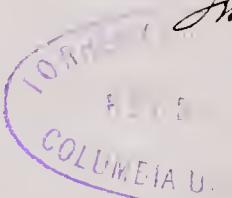
which see have given *Spianthus gracilis*, it flowers nearly 2 months earlier than the other species and is certainly a distinct species. It is very common here, but I only secured your number of specimens as those I find are destitute of those radical leaves as shown in Hooker's figure.

October 14 This letter has been delayed for want of time by finest ch  
Today I have made further search for the *Botrychium* and have ~~had~~ had the good fortune to find a number of specimens the precise I found 25 specimens of *Botrychium fuscum* and find *B. depepium* - so you will be supplied. I don't find *B. simplex* although it occurs here and may perch meet with it. Having several years\* since found these *Botrychium* in an unusual quantity I have ever since examined the same locality every year at the same time of the season & today with success. Find these ferns only appear late and early frost will entirely check them and presuming this to be the case repeated my visit to the locality to test my theory. This fact may be of use to you. If I were to visit the Highlands I should expect to find *Botrychium simplex* again. The locality is near the road within 2 miles of Cleebring near a cattle walk. I have also one specimen I found here of what I always regarded as *Botrychium lunare*. I cannot see any difference between this specimen and those from Europe. ~~the only peculiarity of the~~ ~~case was~~ I found it in company with *Botrychium simplex*, so with the rest you often find 2 or 3 species of the genus growing at one locality, and it is common for species of certain plants to grow in company. On turning to my Herbarium I find it was on the 30 of June (1824) that I collected *Botrychium simplex* - ~~that~~ ~~so~~ ~~there is~~ in time given in your State Cat. & the doubtful one just named is now before me, it measured 8 inches long - with 4 lobes on each side of the midrib 1 1/2 in and a petiole 2 inches - but on a closer inspection I do not feel satisfied that it is *B. lunare* without further comparison of specimens which I will not attempt this evening, but another day write to you more about it -

With the greatest regard

Truly Yours

J. B. Barratt



J. B. Barratt

\* *Botrychium depepium* Oct 16 1832

I'll spare you all of my orchids but I shall  
not be tired to write more to day so you may expect to  
see me or hear from me soon.



Oct 13. 1858  
Prof. Torrey  
McDugald  
McDugald  
New York

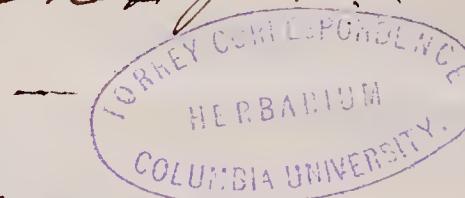


Oct 13. This morning I have received a letter from Mr Buckley dated at Atlanta  
Alab. Oct 2<sup>d</sup> I was delighted to find my young and esteemed friend well and safely  
returned from his late tour. He went through the Northern parts of Georgia, and  
then the S. Western parts of N. Carolina, through East Tennessee and  
N. Alabama near the Muscle Shoals which he visited to collect shells  
says he met with many things which are new to him, in reply to my query  
for a list of his plant收集s - I cannot because the specific names of  
most of them are unknown to me besides many I am even ignorant  
of the genus - I expect a high credit from the plants obtained on this  
late tour. Last he has read the last numbers of your Herbarium  
delighted with the work as I have no doubt he would be.

Miniatte town Nov 5<sup>th</sup> 1840 - 40

My Dear friend Your letter of 31 ~~not~~ and post marked on the 2<sup>d</sup> reached  
me the evening before last, and at the earliest leisure moment ~~had~~  
I my self the pleasure of opening the Envelope - Your last letter  
was dated Aug 25<sup>th</sup> and I set myself without loss of time to  
make already for you, and draw up a long communication which  
I mailed about Oct 11<sup>th</sup>. If this is lost I shall regret it, but I  
will as soon as possible draw it up again for (I have no copy  
of the last <sup>letter</sup> matters of my communication) - I visited the Seaford  
of Guilford and made large or rather Bulky Collection of  
plant specimens to the Seaford. These things gave me  
much trouble today, especially the rocks of Seaford  
Carriera. &c. They havent been thoroughly done till  
about a week ago! I gathered fine fruit Cactile Martinis.  
and this too was very troublesome today. but its done -  
Found plenty of *Vitis cordifolia*. and had the good fortune  
to secure some very fine Specimens of my former acquaintance  
on the Coast the *Panicum amarum* Ell.! its rare  
on the Coast. You once asked me for Specimens, and now  
you may know when to expect them in Seaford  
all you wanted. I gathered 3 species of *Spartina* (<sup>in fact</sup>)  
and on turning to your State Catalogue, I did not find it  
in the list? I must now to give you a list of all  
the things - Found Pass., The Yellow Thistle *Carduus spinosus*  
Witts. & Darlington p. 438. Gn. Spinif. Witts. p. 1684. The Thistles are  
yellow enough!! I never saw the plant before it gave me  
much trouble doing it - being so succulent - Drying the  
flowers changed to <sup>dark</sup> ~~a purple~~ <sup>purple</sup> colour may not this have misled  
Ellis? a person who only saw the dried Specimens would  
be deceived about the colour - It grows in 20 feet of water.  
This is not your Catalogue of the plants of York State -

Have only destroyed papers as a memorandum of some of the types  
for my last letter upon which I will not repeat briefly.  
Friend is going to Apalachee Florida where he spent last winter  
and he has kindly undertaken to procure me Opium Specimens  
of Lomuya taxifolia showed him the figure and fruit and  
gave him exact written directions how to proceed in collecting.  
I give you a summary on Florida Flora No. last 2 numbers.  
especially such plants as I find here -  
Lycopodium Monostachyon grows here abundantly at  
one locality and I offered it to you for your State Collection  
wanted - and told you of a Willow that grew in the  
Highlands of N.Y. I have called T. pictum var. ligustrinum  
have seen one of this kind?  
After much search I secured you Specimens of Bilimbi  
Fimbrorides and B. dipetatum. Spiristis Gracilis and  
other orchids, I found growing near the iron mine with Stephanotis was  
Have found a curious fern Neurolepsis <sup>an</sup> Osmunda with  
fruit on the edge of the pinnae only, at the upper part of  
the frond but not terminal. like Osmunda spectabilis.  
I forms the same thing but one in the Highlands  
W.M. and offered you 8 sets for your Herb grinder.  
Will bring it to you or send it with the rest -  
I got now 50 specimens very in great plenty -  
Have also been looking over the Empetrum and have  
some Opium roots and abundance of huge  
Specimens for Europe. And I had proposed to send  
with printed labels, references, numbers, and  
notes. and therefore was most anxious to have  
another interview with my good friend Dr Gray  
before taking any steps in this matter. Am also desirous



Beside the lakes of Miller. There will be a little page and introductory  
remarke to fill one page fled. This is not yet in type, so this I will not  
trouble you with, till you send in print. I may have ~~so~~ soon as I have  
The print fruits back of a few copies and bring with me. If you have any  
thing to say, wrote me immediately. The Rev. Dr. Oliver has arrived in  
this Country, and is expected at the College in a fortnight - he is said to be  
an excellent preacher. It occurs to me that there are several M. A. students  
in your letter not touched upon. Write if possible, giving you full particulars  
in a short time (the following are moments). Your truly

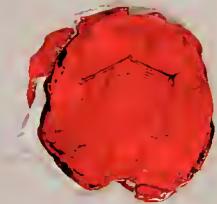
UNIVE



Jefferson. Tney  
30. M. D. 1811

New York

St. Paul Market



Ans Feb 4<sup>th</sup>

Middleton, Jan 8 1841 -

41

My Dear Friend.

Your letter of Oct 31<sup>st</sup> is now before me, and to which I have not replied. I have been much occupied and the Specimens I collected last season taken up until now. The other day I sent you and on Friday the sheets for my sets of Willows and <sup>Carices</sup> but I did not send the folio title pages of either that I had printed -

The late severe cold and the attention to other matters has suspended for a short time my Botanic power. I regret I cannot find time to write N.Y. It was a great disappointment to me. but I trust I shall be able to forward all your plants in due time for your state collections.

I have now much to say but find myself much limited for time, and must therefore beg to apologize for my short and hurried letter.

Prof Johnson I hear will visit N York, and will deliver your Books for which accept my best thanks for their use.

I have a letter from Mr Buckley, dated Dec 26<sup>th</sup> to apprise me of having sent a Box of plants to you via Mobile - in which there was a parcel for myself. That the expectation of Mr Buckley that your Box would arrive in N York on the first or middle of Feb.

Did the long communication named in my last ever  
reach you?

I should be obliged if you will give me the  
address of the Revd Mr Cartis: in North Carolina  
I much desire to write to this Gentleman to make an  
exchange of Plants. I have from Mr Buckley last  
letter that he had applied to him for Plants,  
and ~~I think I~~ <sup>I</sup> do something for him. <sup>in the way of</sup>  
~~exchange~~  
I also wish for the address of Mr Tuckerman  
of Boston.

Mr Buckley informs me you have desired him  
to send the living plant of The Groomia. I should  
be glad to cultivate it. never to see a specimen

My next effort will be to send away the sets of  
my plants and then I shall have time to do  
something for you. My Duplicate stock I  
rate at 4000. Specimens - and many of them  
of large size!! I wish to send sets of W. D. & S.  
B. & C. P. & C. P. to Paris and Berlin with  
Dr Gray here to attend to form me. I should  
be glad to know if not I must look to some  
friend or agent in the City.

With great regard  
& truly yours  
S. Barratt.

I sent you a newspaper with a notice of Prof  
Johnston's speech. Could you do this reach  
you.

I was delighted with Dr Gray's paper on the  
Herbaria of Europe. but why does he not  
come out with his name in full -

Pray did he send Mr Buckley a copy. If  
not may Theosophist to forward one.  
and may I ask for another copy for  
a friend who takes a deep interest in such  
matters (He is fond of you & me one or more).

It was my intention to have written to Gray  
on the subject of this paper but first I shall not  
have time to day.

No. 6 Prof. Idunum, Aug. 16. 1840

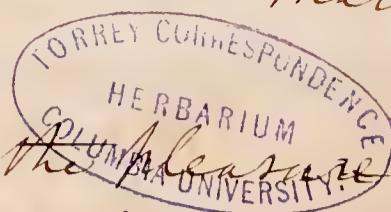
Franklin  
Groton  
Vt. Marks

and April 5th

My Dear Friend

Middletown Connecticut

March 20th 1844



I had the pleasure of seeing you well known again in your letter of the 10th, and glad to find you are still blessed with health, and able to sustain so much excitement, and hard labour, and further that you are able to render yourself so eminently serviceable to the cause of science &c.

Of late I have written an unusual number of long letters, to correspondents, and have now I hope nearly got through my arrangements for the exchange of Plants. &c.

I had the high satisfaction of receiving a letter from Revd Mr Curtis, dated at Washington Feb. He is to furnish me in the course of next season, a number of Plants, and has sent me a long list of Desiderata. —

I have just written a long letter to W. A. Brewster, now near Mobile, who will visit Florida, this season, and I have sent him an outline drawing of *Torreya taxifolia* and desired him to collect many Specimens of foliage, fruit and Bark, & leaves to show how well he is in the region of the growth of this rare production of the forest. — I also last fall desired a Mr Hall of this City, now in the same region to collect this bark for me in abundance. If I succeed I will hereby exchange this rarity with you, for other things worth your attention. I find I have 8 entire Specimens of *Halenia*, 12 or 14 miles long, with about eight species. These are all with their leaves for you. —

I wish to procure *Primula farinosa* & *americana*.

*Cypripedium arietinum*, & *Nardosmia palmata*, which are common in my. They to have them loaned aside for me. If I am not asking too much. I want them <sup>indoo</sup> to copy for figures to send. I would loan them my pupits and then I hope to secure Specimens of these rare plants.

If I had them now, I should send outline drawings to several friends in Europe & America, about them to Dr Knobell and also to Mr J. A. Sopham at Milwaukee who sent me his catalog the last winter.

I greatly desire to know how far you have proceeded with  
the Composita. Cannot you send me a proof sheet?  
It is my expectation that this letter will be conveyed  
in my letter to Ward, a Bookseller of this place, and I shall  
send 4 Specimens to you for your examination, while I thank  
you for your remarks as soon as convenient upon these  
specimens.

You would do well to send <sup>me</sup> your remaining list of Desiderata  
for NY; and if there is anything more that you  
intend to add, let me know in time for a  
final list. I have the Seafont at  
Guelford and found there some interesting plants  
that you may desire, but I cannot now give you  
a list. Send you a specimen of *Panicum amarum*  
or there are only 4 or 5 in my list, but better specimens  
will be sent ~~at~~ another time.

In great haste  
very truly yours  
D. Barratt.



To Dr Torrey.

I desire much to know if you have examined  
winter annuals upon the Aster or Solidago,  
if not, will send you several specimens if they  
will be in time. I find much valuable  
historical information on these last titles in  
Miller's Gardener's Dictionary. I have not been  
able to review and look over these things. Next  
time I see you, but I must particular  
attention to the radical leaves; of the Solidago  
I should be pleased to see a copy of the manner  
you have disposed of the synonymy of *S. ligustrina*,  
and those under the <sup>different</sup> ~~same~~ <sup>common</sup> names, where the plant  
has been described so often. I also desire to know  
how you have decided upon *S. latifolia* Lind.  
This is a genuine species, and is well characterized

as any species that grows here. Find it here with  
leaves 6 to 7 in. long, & 3½ - 4 in. wide!  
Height 2 to 3 feet, axillary bracts 3 to 7 in. long.

There are one or 2 varieties of it but these  
don't interfere with the species alone.

Some numerous specimens of Solidago from the  
western part of York, labelled myself, and  
I have well satisfied myself of the same species. There  
are some diminutives in size, than the same  
species found <sup>some</sup> here. -

Several of the Solidagos are more gigantic  
along the front River, than I have seen  
elsewhere. Some of them are 7 feet high!

The specimens from the vicinity of Boston

are all the red are, small, and look  
like some species, compared with ours.

There is a species of Solidago growing in more  
sandy fields with a large Radical Leaf I cannot  
determine. The Rad. leaf is 12 to 14 in. long -

I am at this moment in so much haste that  
I am to meet Mr Ward when we convey  
this. We have no further time. Write now  
and block over my hasty scribble.

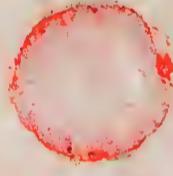


Very Yours Wm. B. -

My Best respects to Dr Gray.

What a fine job you have made! I write the long post  
I will be in New York in a few days. Please be so kind as to my  
not to let any of the notes for the next  
few days be lost. I will be in New York  
and will be in touch with you and will further  
communicate to you as soon as I can.  
I will be in New York in a few days. Please be so kind as to my  
not to let any of the notes for the next  
few days be lost. I will be in New York  
and will be in touch with you and will further  
communicate to you as soon as I can.

Stephen C. Tracy MD  
30 Madison Street  
New York



Mr. Goldfarb 113

My Dear Friend Aug 4 1866

It's a long time since  
I have had from you. I suppose you  
have been busy with your State  
Now and have had very much to  
offer, but I have not

The place working hard again  
at the office, and have offered to  
admit you to the office  
for the purpose and that I shall  
soon print out what I shall  
send you. We shall send  
a set of Specimens -

Now I have to go down to my  
order, and but for the  
lucky offer of the  
M. wood have been  
lost by me. By the

same



Only now only after days  
since I received your  
post the 8 specimens of  
Horaddeum tenuissimum  
you for identification  
that the locality they  
had its specimen destroyed  
either by the collector  
by following for the seeds  
the first specimen  
and the same when  
reflected -

Many good things  
and many probabilities  
when these become  
better known

RECEIVED FORM  
RAYLEIGH MCCOLLUM UNIVERSITY

John C. Moore  
Professor

W. T. Jones & Son

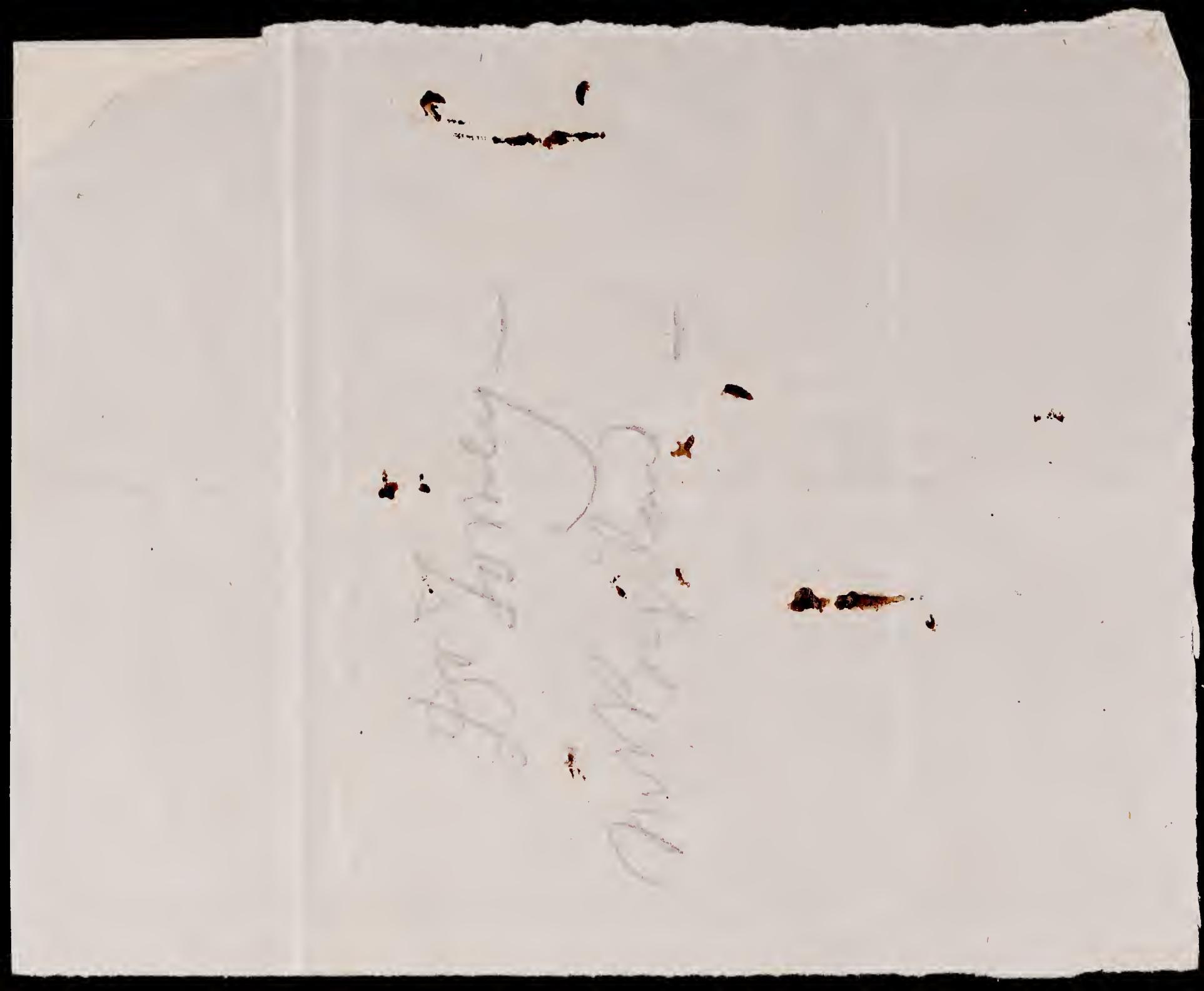


Dr. J. W. Jones  
35 W. 23rd Street

McGraw-Hill Book Company

LIBRARY  
COLLEGE OF MEDICINE  
HERBARIUM  
COLUMBIA UNIVERSITY

Will you loan me for a  
week your copy of  
Selby's Flora of the Falklands  
and send it by Mr. Bigelow  
and can you lend me any  
of the books of Cawcet  
you have in your possession  
both of your copies of the



Rec'd Nov. 26.  
and 29th

Count Nov 26 1841. 14  
Middleton

My Dear Friend.

Your letter of the ~~26th~~ <sup>15th</sup> ~~1841~~ <sup>1841</sup> came to hand. at the first  
spare moment I have finished the remaining Plants due  
to complete what I long since promised you. The Parcel  
is packed, and 'tis my expectation by forward by  
Mr Needham now on his way to Africa. Mr Needham  
is a young Theological graduate of the Wesleyan University  
and by a letter of introduction to you, I can recommend him  
as a young man of worth and great zeal, and with the best  
utmost in what he undertakes. Mr Needham will  
make a collection of Plants to himself.

Learn from Mr Needham, he has a set of Specimens  
collected his Person in the State of New York near  
Buffalo. I have directed him to apprise you of the  
fact, and offer you the examination of the specimens  
provided you desire to see them. Not having seen  
them, I cannot say any thing of their value.

I made also a list of Books such as might may  
be useful on his travels, and residence in  
Africa, will you some the great favor to look  
at this list, and offer Mr N. your advice  
I am anxious how much your time is taken  
up, and have directed Mr N. to call when you  
are most convenient from the urgent business you  
have, every attention you may be then Mr Needham  
will be duly appreciated by your constant friend

Dr Jowey -

J. Barratt



HERBARIUM

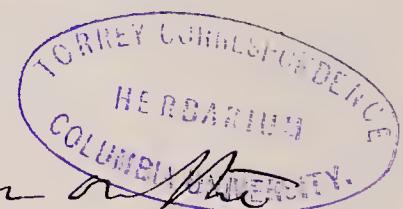
COLUMBIA UNIVERSITY

The next thing will be to forward the shells for  
your Daughter I wish Mrs. Jones or the young  
Ladies would show Mr. Needham their Museum  
that he may form some estimate of its value and  
materials -

I have much to say and will take care to  
write you immediately

I much desire to see Dr. Gray's paper on the  
Plants of N. Carolina. May send it to me  
at once, and the other things you named  
are of Barrell & Mather 47 Water Street -

How do you like my *Eupatorium*. I have a splendid  
set laid aside. I had intended sending  
you as I print my paper, which is about  
only. in Silliman's Journal, but I may show  
you the Ms. first. - You ought to have the  
whole in your State Flora. - Let me hear  
from you at once, and name any other  
plants still wanting. Perhaps I may be  
able to find some in my Herbarium for the  
completion of your list for New York.



Am. Aug. 21st 1842

Middleton found

Aug 18<sup>th</sup> 1842

My Dear Friend.



Your letter of ~~Aug 20~~ Mr. was duly received and I was glad to learn you had received the packages of plants I sent you. Today I send by the Postage of Prof Johnson, some more plants for you, and a set of Verticillate Eupatorium. You ought to see my Ms. and large specimens, or rather the plants growing beautifully into this little group of plants - On Aug 1<sup>st</sup> by Packet st James to London, I sent a number of sets of my Eupatorium & 12 to Sir W Hooker, Dr Booth, Mr. Lambert, & the Linnean Soc. together with other rare things, of which I will tell you more another day.

The packages care of Barrell & Mather 47 Water Street were forwarded, except the one named from Mr Lapham, which I will ask Mr Johnson to call for -

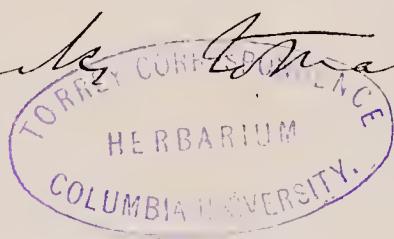
Mr Buckley wrote me Decr 18<sup>th</sup> in reply to my letter of Decr 1<sup>st</sup> I am happy to find you concur with me as to the best course for his Red year travels, which he intends to follow. He desired me to say that he had not received a copy of the Flora of Gray on the Plants of N. Carolina, which he greatly desire sent but not the Flora at present - which friend did not send him.

over

Please to direct the Report of Gray to Mr. J. B. Buckley  
Blacks Bluff Wilcox County Alabama  
Send Mr. B. a Synopsis of the route followed by Dr. Gray  
which proved highly interesting to him.

I have much to say to you my friend but find I must  
defer till another moment of leisure and  
I hope I have not had time to look up the  
list of the plants named in your list of discarded  
the line I have most of them. — I have however  
but as I believe the most important ones  
for your satisfaction.

I have many notes and remarks to make  
for your benefit —



Much to my surprise there is a species of  
Colechium growing in the Meridian Mountains  
distance about  $8 \frac{1}{2}$  miles from Middletown, and  
I have secured ~~and~~ 3 specimens. At present all I  
can state is, that with the garden of Mr. N. Starr, of this  
city, I saw it growing abundantly last fall, and made  
enquiry how it came there. His reply was that he  
found it in the woods in the Meridian Mountains. Was  
struck with its novelty, and removed portions of  
the plant to his garden! One of the men who was  
in Mr. Starr's garden, said he had also seen

the same plants growing in wood, one mile from  
this city in the wood of Mr Jackson. How to locate  
in the season when these facts came to my knowledge  
on Island have made search after the  
Colchicum. Mr Starr has promised to show me  
the place where he dug his plants, and another  
season I hope to satisfy myself and secure  
a good supply of specimens. To the thick Colchicum  
looks different to the European one. It approaches  
more to a broom in size. Will examine  
the fruit and foliage next spring and then  
report fully. I do not find any notice of a  
Colchicum being found on this continent. If this  
comes alongside New Zealand is an

interesting fact to Botanists

This dredged pleasure of reading Dr Gray's  
paper on the Botany of N. Caledonia I was  
exceedingly pleased with it. I hope Dr. will  
reserve a set for me and send some of the  
rest to return to Dr. J. which he can  
put in my Portfolio.

Yours in haste  
and with great esteem  
J. Bartram

7 Dr Jones



I wish Dr Gray would inform me what sort of plants  
he desires in return for his second Fronto & Spanish  
Pewter Union without much delay

Dr Torrey  
30 McDougal Street

New York

Blunden  
Dr Johnson.

In this Polyolea which I send <sup>46</sup>  
may be returned by W. H. Duran  
I hope Dr Gray will send me a few  
of his rare Plants from the West  
Carolina especially Canes Forest  
Gum radiatum. and Diplobolus  
Gymnosma  
While he still wants him a full  
series -

J. B. Batt.

Medicellium  
July 18 1848.



26 mi - 2 in  
= 7/14 + 2 3/5

ft.

Subsp.

6. 3. 1888 - 68

General -

5. 3.

6.

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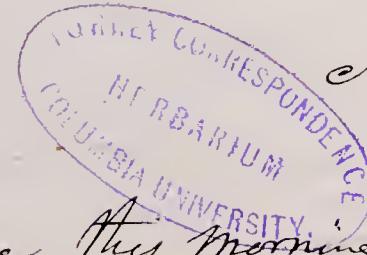
Long 8

Am? June 25<sup>th</sup> 82

Middletown Connecticut.

41  
Feb 27<sup>th</sup> 1842.

My Dear Friend.



I have this morning looked over your last three letters, of Nov 11, 29<sup>th</sup> & Jan 21<sup>st</sup> with the intention of answering such parts of them as may require a few words. I have indeed been most anxious to visit you, but I might see what you, and Dr. Gray were about. Last week a lady in this City received a copy of your Botanical Lectures Lithographed in a most beautiful manner, which I must look at again provided the author cannot send me a copy. I was much struck with the beauty of the work as a whole, and should like to possess it. I want to know what progress you are making with your Flora of N. York. If your time has been as constantly taken up as mine, this winter, you cannot have made much progress. I know too, how little time you have to spare for letter writing. (and have not troubled you with my correspondence.) In the first place let me enquire what progress your artist has made with the drawings of the Willows. I had thought of sending you some additional specimens to have the fruits, in higher perfection than what was sent, and could make some drawings of the flowers or rather stipulations. I should be glad to have a number of plates of each laid aside for me, when struck off<sup>as a sample</sup>. the following I would do for you, & however you do not find it absolutely necessary to proceed rapidly, I could give you some aid and come down for one day to look at you. I have the flowers and fruits of all the kinds of Willow, which I preserved while examining and studying The Sections, which cost me a great amount of labour to verify in all its details. The Drawings should exhibit the aments in several stages, and on these your sets are very good. - There is more difficulty to preserve the mature Capsule, for so soon as it becomes expanded, it bursts open, from the great expansion of the Cotton within.

\* and unwillingly pay the expense.

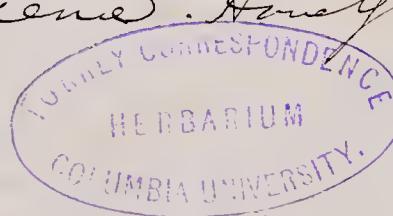
The form of Barrell & M'Kee is discontinued. Dr. Whittier advised you not to send any specimens to him. I have therefore abandoned, & liberty Street, New York. at present send any thing to the care of Mr. Whittier.

a drawing well executed of *S. rigida* would be most ornamental, I can colour this, I believe exactly, but your draughtsmen should work under my eye as well as yours.

The most perfect drawings of the Willows, I have yet seen, are those in the *Salicetum Mysorensis*. They were taken from living plants, and coloured with great exactness.

Has the Duke of Bedford, and Mr. Forbes, <sup>been</sup> aware of certain groups, conforming as to the end of the ament, which first intrudes its filaments? They would <sup>then</sup> pay more attention to figuring one or more catkins so as to exhibit this curious fact, which was not understood by any writer, who has <sup>ever</sup> studied the Willows and which my arrangement of section so perfectly illustrates.

I suppose you would frankly tell me how you liked my specimens of *Verticillata* Eng. Should you like to have full descriptions? *E fistulosum* has been used for blasting at the Chatham Quarry of Red sand stone, as well as the Feltwell Quarry. This is worth noting in your State Flora. There has much attention to embankments, and shall have a Paper on this subject which will exhibit many things which Heline will be new to science. Have you examined much into this subject.



The *Salix rigida* will be in flower again in a few days, I will make an attempt to secure some specimens for your artist. I am at this time desirous to know with as little delay as possible, what progress your artist is making with the drawings you spoke about in your letter some time ago. I regret my engagement did not permit me to visit you. I promise myself I shall not be much longer be ~~detained~~, from my long promised visit to the City. The papers begin to speak most flatteringly of the Survey and general reports.

I should like to know what progress you are making with the Poplars,  
those the mas flowers of *Populus balsamifera* and this veilina  
I did not send you before. I have not met with any Botanist who  
knew the mas plant. I received it also from Lake Champlain.\*  
If you should go on Staten Island to look after P. Canadensis  
I wish you would secure me 10 or 12 specimens and the  
fruit.. also.. a shoot of *P. balsamifera* which I have not

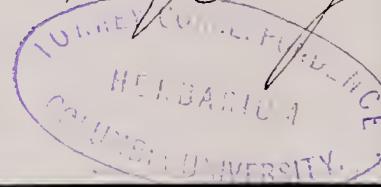
April 8<sup>th</sup> This letter has been long delayed owing to a prep of engagement,  
by this time, I presume you are fairly through with your course of Botany,  
and have a few moments leisure to read the letters of your friend,  
that course of lectures on Botany which was so beautifully ~~photographed~~  
must have cost you much close attention were it only, the drawing and  
writing out the Manuscript so neatly done as it is.

I sent some Packets of Plants to London, by Capt Lebort's ship, and a few days  
ago had a letter from Dr. Bots acknowledging their safe arrival. Dr. Bots was  
much pleased to see *Carex atrata*, from the White Hill, that I sent  
him, and also *C. Houghtiana*, and 2 new forms of *C. Valpiniana*  
from where last summer. I hear by this letter of Dr. Bots that Mr. Lambert  
was dead, I know me no particulars. Have you heard any thing relative  
to what disposition he makes of his Herbarium and Library? I  
can't tell me any thing more respecting Sir Wm J. Hooker, since he  
has been settled at Kew Gardens. If you have time pray give  
me a little of the Botanic news of the day. If you are too much  
occupied, I shall be much gratified for Dr. Gray to impart a little of his  
budget, I read his papers with much satisfaction, but have not yet had any  
formal correspondence with him. Do let me hear from one or both, that I  
may know what you are doing in Science and Book making and the like.

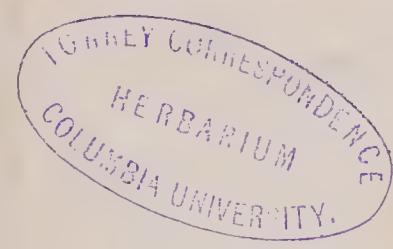
I shall soon go to work and put up some sets of herbaria in the book form having  
printed a supplementary sheet of labels for that purpose, of which I shall send  
you a copy, as well as Dr. G.

To Prof J Torrey M.D. &c.

Yours very truly J. Bartram



We have had an extraordinary winter. By the Met. Register I have kept, I find that from Octb<sup>3</sup> 1841, to Mar 25<sup>th</sup> 1842. There have been 18 falls of snow, amounting in all, to 63 inches. but each fall of snow was so quickly followed by thaw or rain, it afforded scarcely any shelter here - and left snow on the ground <sup>as remained on the ground</sup> but any season during my residence in N. Am. have kept full tables of the weather, but cannot at this time say more on this matter. I have had no intelligence this winter from Mr. Buckley, have you received any things from him. I have been expecting an arrival of plants - shall show you the Specimens of S. Tropaeolum as they for Drawing, also November flowers and perhaps S. vesicaria. I trust some time or other to secure the Colony of this fine annual for you.

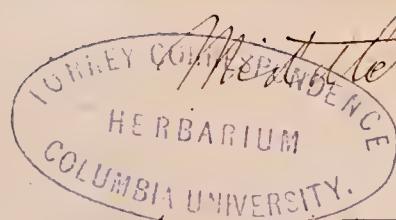


Prof. J. Torrey M.D. LL.D.  
38 McDougal Street N.Y.

New York

April 15<sup>th</sup> a proposal of engagement has kept me from dispatching several letters, and  
packers and others among others, which will <sup>now</sup> find its way to the  
Post Office. Let me say to you my much esteemed friend how desirous I  
am to have <sup>them</sup> from you. do not let <sup>them</sup> be delayed like the 8 feet. -  
This is a ~~show~~ like morning, and the season very early. The willows are early, than  
ever saw them.

My Dear Friend.



Boston Connection

41

October 26. 1843.

I was gratified with your letter of the 24, this afternoon, and will shew by an instant reply, how welcome it was.

I had supposed you were intensely engaged with the New York flora, or I should have been tempted to write, and break in and distract your progress. Last spring I received some 15 or 20 fine specimens, in fruit well formed, of Tonqua taxifolia preserved in spirit. Some of these are intended for you. I can now see in this fruit (what I before took to be the case) a close resemblance to the Japanese plant figured in Kengler whose work I possess.

The Prunus referred to in the second of your last Letter I well remember. I had referred it to P. americana, having collected flowers, and leaves. It is 12 feet high at least, flowers freely, but the blossoms at the middle of a dry road North of this City, and I had supposed the boys would let the fruit alone to ripen, though scented only green, I did not observe this fact, which was a great task for Plums, as well as Grapes. I might have informed you for your State Survey that I found the Yellow plum P. americana growing in great profusion, in Meadows near Skylert Lake in Otsego County New York several years since. The fruit is yellow, and not ripe, till August & the same at this place. I enjoyed the high gratification of a visit of several days of Dr. Chapman, in the month of August, and supplied him with a number of specimens, much to his satisfaction. He visited the White Mts of New Hampshire, and collected some rare plants there, of which three specimens

I thank you for naming. Dear Romney, report to yourself what I shall take care to inquire after, and I am also much obliged by your summary of news. I had not heard of Mr. Buckley, and feel much concern for his safety. The last news you had was so oppressive for Botany, he has not written me what I think very strange

I have agreed for a price for watching the progress of vegetation  
in some of our fine gardens <sup>in this city</sup> and have been looking after the  
grapes and fruits and making notes from time to time,  
Dr. Gray's excursions, is one in which I am interested  
I hope he will be able to cultivate the Diphyllon Cymosa,  
if so, I may be tempted to visit his garden, and see  
the plant: or rather himself and garden. I feel a deep  
interest in Dr. Gray's pursuits and understandings.

1844 Feb 6<sup>th</sup> - The foregoing letter was written <sup>laying aside</sup> as the site will show.  
but having much to say, I delayed finishing it, much to my  
regret when I count the time, and consider ~~his~~ <sup>the</sup> faithfulness  
you <sup>have been</sup> as a correspondent.



I have been hard pressed in various ways, with duties, and  
writing, and wished to send something to you while I have  
time written to Washington, and am informed there are  
no copies of Liard's Elements Report, to share, how is  
this? can you inform me? did you procure any  
copies and can you supply me with one?

I have for the last 2 years or more written a number of  
articles for the Papers urging Reform of the rates of  
Postage. I have drafted three Memorials, which  
have been presented to Congress. ~~I trust there is good~~  
for want of something being done. You have paid  
a large sum of postage in your daily. I wish you would  
send me some estimate of the amount of your postage  
in a year. Cheap postage will be a great blessing  
to this country. I like the working of Penny System of Railroad  
Bill. I am glad to see so much feeling on the subject  
of Post Office Reform in the country. The subcommittee  
soon come up in Congress for its action.

I had lately occasion to deliver a discourse on the  
grapes before a Farmers Club, or Society in the place, and  
they desire me to furnish a report to print, of their  
Proceedings. I have paid a good share of attention  
to the grapes, and have a number of observations that  
I should like to communicate for your report on  
Post Office.

Look over the Mass. Report of Prof. Dewey, and was struck with several inaccuracies in its localities, and a want of practical information. There has been so much among the Grapes, Barley, and hay fields, both in the country and England, that I take the same lively interest that a farmer would. There is a good share of zeal among our farmers in Middlebury, and I hope they will do something better than here to fare with their pastures -

I want to know <sup>when</sup> you come to the Grafton, for your New York flora? Let me advise you, to refer to a work if you don't already possess it, viz The Farmers Encyclopedia by Casper W. Johnson Esq. F.R.S. Adapted to the U.S. ~~and~~ Philad. 1844. pages 1165. In turning to several of its articles I have been struck with its great excellence and amount of exact information of culture, especially on the Grapes. and therefore will advise you to look at it. We still want some good practical remarks on the culture of several Grapes in the U.S.

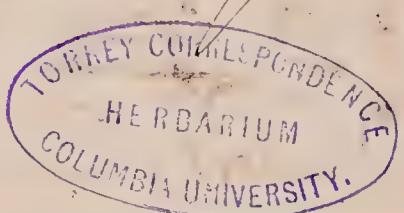
I presume you have the Compendium of the Census of the U.S. for 1840 - can you tell me why it is that Orange County somewhat exceeds for its dairy produce; have you a full report of its Grapes? I had intended to make this Subj. one of special enquiry, but have not been able to date to visit that County, as I hope to do hereafter.

Feb 22<sup>d</sup> This letter has been delayed, in knowing my kind friend's ~~attempts~~ to finish it; although I shall not be able at this time to enter on several subjects of which I have Cepious notes made intended for <sup>letter communication</sup> our conversation, when we next have the opportunity to meet. Can you inform me where Dr. James' lines, and if his familiar with the Indian names of the plants (in Chippeway) and have you his vocabulary of the Chippeway do you propose giving the Indian names of the most remarkable plants in the state of New York.

Very truly yours.

To Prof. J. Torrey Ph.D.

A. B. Benth.



In looking over your New York list of Grapes, I say you follow Muhlberg's  
in calling *Poa serotina* Shr. (Red Top) I would English the name;  
and hence <sup>done so</sup> to our Farmers, thus. late Yellow Meadow  
Grass - I regard it at Middletown as a valuable grass in  
certain situations, and have advised its cultivation.  
There is much confusion in the appellation of Red Top  
and therefore I have taken the freedom to remedy you  
of the impropriety of this name. It is not a red top  
and by referring to Muhlberg's Catalogue, Ed. of 1818 under the  
Palustris p. 11. n. 5. tis there called Marsh Meadow Grass.  
The English names in this list might have been given in your  
list for no state - or an enlarged or revised Name only, together  
with other Synonyms for the Farmers, you nodal with farmers.

Wm. L. Wight  
2  
Prof. J. Gray M.D. LL.D.  
Medical College of N.Y.  
Dosky Street.  
New York.

a list of the exact time of the flowering of the grapes is wanted.  
Sinclair gave such a list for England, but no such list has been  
prepared in this country. I think those made the best I have seen  
and mine is not very extensive. It will do for the Southern  
Counties of New York. You have my Flowering and fruiting  
Calender of the Grapes - of the Grapes find when the  
Season has advanced to June and July. There is about  
a Month's difference in the same species flowering in England  
and this country, scarcely the greater part of the summer  
in this latitude.



Wethersfield Sept 8 1845 45

My Dear Friend.

Your letter of Aug 28<sup>th</sup> was duly received. It found me at a busy season of the year, and suffering from heat and fatigue. A friend just returned from New York informs me he delivered Schkuhs Carus to the care of Dr. Chittow of New York agreeably to directions. His desire to put it in the hands of some truly person only, and hence the delay longer than intended or merited.

I feel particularly obliged by the summary of news contained in your kind letter, and intend shortly giving some account of my pursuits, soon as I have time. The Month of August is with me a season of tribulation. I can<sup>do</sup> little with science and correspondence.

I hope to be able now to get a sight of "Fenwick's Journal" the other day, & you an extract of this journal in the National Intelligencer, and now want to get a sight of his Specimens, in your possession. I had a visit on the 22<sup>nd</sup> & 23<sup>rd</sup> of August from G. B. Emerson a Dr. of Boston, who came on with his Specimens of Willows for me to name. I showed him most of the species growing: also the Poplars, for he knew little about them. He was much delighted with what I showed him. It was also a season of the year to visit me, but I did the best I could with him, being at the time much indisposed.

You are aware he is busy with his report on  
Forest trees. He has given my entire set of  
specimens of oak, preserved with great care.  
He informs me that *Quercus oliviformis*  
is plentiful in the North part of Mass. on the  
Housatonic about the same line, it was observed  
by Michaux !! I am not aware its being found  
by you in New York? So Michaux was not mistaken.  
I had much interesting conversation with W. W. Emerson  
on Forest trees. He is desirous to bring his report to a  
close. No doubt you are equally with your  
state Flora. which I am exceedingly desirous to see.  
I can well appreciate the labours it has cost you.  
The best Floras and works on Botany are sadly deficient  
in the correct period of flowering and fruiting. I have  
always maps of notes not yet digested. My Table of the  
varies ought to be some quite and more applicable to the  
same latitude of New York. Have you any  
titles for your Flora. What on the willows and  
varices cost me much labour. They agree with the  
season of 1839\* which may be taken as a good standard  
being very regular throughout. my notes for that year  
are very full - which I purpose to publish and  
a paper on the varices and grapes\*. I have along  
taken Read to Farmers Club. perhaps may  
give you some extracts in a few days at present  
\* as regards their uses in agriculture only -

\* as regards their uses in agriculture only -

Will not sometime to make estates being determined  
to send this day delayed Attewyngs Mail:

I have your letter of Sept 14th Your Book had not  
been received and a hasty line written before  
that time. I have been very sorry for  
the delay. I might have caused, but lest  
any mischief it may still be delayed at New York

Send this letter at once.

Very Truly Yours  
Joseph Barratt



for Jomey

You never replied to that part of my letter which  
related to the purple Eupatorium after you  
received my specimens of the same. I must  
know what use if any was made in your  
Flora. Now by me a paper, I meant print  
with my full description, and synonums -  
was given you. Whole given you the notes and  
corrected in your Flora which I feel satisfied  
ought to be cancelled. The material in your  
Herbarium were not sufficient to draw up full  
character of the species especially my E. fistulosum  
which is a noble plant

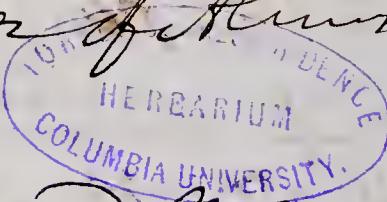
Find here quite common three species  
of *Alnus*. viz. *A. glutinosa* W.  
— *incana* W  
— *serrulata*.

The first *glutinosa* is a fine species. The specimen  
of adult leaves while drying give out a resinous  
or varnish-like substance, which causes the  
specimens to adhere to the paper.

At one time I had doubts that it might prove like  
*Betula*, but the difference of the fruit satisfied me  
of its agreement with the other species of this genus.—  
The gray plate of *Betula* in the 2<sup>d</sup> Edition is beautifully  
done and the work admirable. This indeed  
a masterly production, and worthy of a Harvard Professor.  
Do you find all three species of *Alnus* in the State  
of New York?

Some 2 years ago, you promised me a copy of your  
Lectures on Botany although not yet finished. Where is  
it? — There was also a package of Plants from  
Buckley & White your house <sup>very</sup> long time. They were  
never sent me though you acknowledged them  
at Retiring, and I never came after them.

Please let me hear from you as early as convenient.  
I hope to be a better correspondent on Botany though  
I fear I have not much natural interest in it.  
When your Home is done, — I hope to see you and Mr. Jones  
and your daughter and son this fall. This time I came to New  
York and paid you a visit and renew my hermaphroditism



And March 3<sup>rd</sup> 1846



My Dear Friend

119  
Middleton Connecticut

March 21 1846.

Your letter of the 19<sup>th</sup> inst. has just come  
to hand. and as I have been in a writing mood  
for the last few days, and endeavouring to keep up with  
kind correspondents, I will at once answer yours.  
lest I should be delayed by some unforeseen occurrences.  
Remembering that Mrs. highly gratified to receive a letter  
from you. but had intended to give you a summary  
of my studies and pursuits. sometime past  
In the first place, I have procured a copy of  
Captain Fremont's Reports, and have been delighted  
with it. His most able document, and highly  
honorable to the country.

Your reports on the Botany of Oregon. were highly  
satisfactory. I hope to see more plates in the next.  
There was an extraordinary effort to procure this  
document no wonder. The number of copies  
were too small for the demands.

"Have you sent Dr. Booth a copy, do you know?" I had  
the promise of one, which has come, and this  
I purpose to send him. to requite him for his attention  
provided he has not had it, and this you would  
be likely to know. do me the favor to let me  
know. though you need not name it to him -  
as I may write him soon.

The paper you enquire about I can tell you better in other  
days - There remains some, not more than I shall  
use at once, were I to clean my plants and  
make clean work. -

Mr. Emmons' report on the trees of Map. is  
presumed to be printed as a ~~little~~ Document.  
I did not offer to work on the Willows for him.  
Though I named the set of specimens he brought  
with him. which afforded him high satisfaction  
and I showed him the Willows in the ground  
site - Subsequently sent him a full  
description of *Populus tremuloides*. I showed him  
a fine row of these trees on the banks of the Columbia  
about 80 feet high, which delighted him. Out of  
my full notes and Mem. I drew up a full  
account of its flowering and fruiting. more exact  
than presumed than any thing which has been  
printed. In a letter received from him he says  
"Please make free use" of my article -  
He sent me a full set of the Map. Geolog  
Reports, and some other vols. with the Quarto  
vol. of Geology by Hitchcock. and said  
the difference in the ~~borders~~ how different  
the W New York!!! I don't, to be frank  
expect you can get me a copy of your  
Flora though I give you about 3,000 specimens  
to help you with your sets.

TOOK  
HERBARIUM  
COLUMBIA UNIV

I should be most happy to receive a favor from  
you and I know you would if possible let me  
have the but know how many difficulties  
there are to prevent your success! still I will hope.

Mar 27. Today I have written to London, to a  
gentleman residing within a few miles of us.  
He procured for me in London a few rare books  
which have arrived by C. M. Selby, and I expect to  
day they will be here in the next Post.  
Next for Lin-Genera ... Bartram, Travels,  
Marshalls Arb. Amer. Rays Synopsis, and  
a work on Sherwood Forest. &c all other he procured.  
I waited to look at Rays Synopsis, and study  
it, being so familiar with British Botany, —  
Marshalls Arb. was I am informed rare, I never  
could procure it in this Country, and I don't  
recollect ever having seen it in your Library. —  
I promised myself I should write you a long  
letter, having much to communicate.  
To do that I will defer this letter, and send away  
and do myself the pleasure of writing again more  
fully in other days. — I purpose visiting New York  
in about a month this time. and should be most  
likely to make your residence in my way.

Where shall you be and how engaged this Spring?  
I purpose to send Mr. Torrey a table on Egyptian Chronology  
drawn up by Dr. J. J. Jones which will I believe

interest her, and your daughter. I hope these  
young ladies have not forgot me.

I want to see your son. You say nothing about  
him to me.

I shall venture to drop Mr. Forney and on  
the Irish language. This a master which has  
interested me not a little, and I have <sup>done</sup> ~~made~~  
considerable <sup>towards</sup> vocabulary from a native of  
Ireland. also of the Welsh, <sup>from any Wales known</sup> I have  
learned pronouns <sup>more</sup> better after my  
own way of writing it. <sup>done</sup> and marking it,  
and so I found it.

I now wonder I did not earlier take a fancy  
to study Irish. Mr. Forney gave me a Bill  
in Irish and this led me to read it to the Irish.

I shall have much to say on this subject at  
a suitable time, perhaps when we meet next  
time which I hope will be soon.

Our citizens are much engaged on their  
fort road project from N.Y. to Boston this  
ambitious project. The movements of the age  
are great and extraordinary. who would have  
expected to see the Magnetograph perform  
such wonders. — Davy made the ~~extraordinary~~  
and splendor of his ~~achievements~~  
didn't expect it

Very truly yours  
Joseph Barratt

Mr. Forney.

What next  
COLUMBIA UNIVERSITY.